

AVONDALE DWG NO
C3-222 29-01-024

REV
-

CAGE COMSC DWG NO
94421 085-6975807

GENERAL NOTES

UNIT: CDRL:
B031-3

DISTRIBUTION STATEMENT
APPROVED FOR PUBLIC
RELEASE, DISTRIBUTION IS
UNLIMITED.

THIS DWG INCORPORATES THE
FOLLOWING CHANGE ORDERS

HMR	HMR	HMR	FMR	FMR	FMR

2376	MENDONCA		
AVONDALE NO	VESSEL	AVONDALE NO	VESSEL

A Avondale
Shipyards Division
P O BOX 50280
NEW ORLEANS
LA 70150-0280
CAGE 1CC97

AVONDALE JOB NO
C3-222

COMMANDER MILITARY SEALIFT COMMAND
WASHINGTON, D.C. 20398-5100

CONTRACT NUMBER
N00024-93-C-2205

DRAWN DATE
A.R. 12/16/98

CHECKED
WDS 12/16/98

APVD
12/16/98

T-AKR 300 STRATEGIC SEALIFT SHIP
TANK CAPACITY CURVES
(T-AKR 303 ONLY)

SIZE AVONDALE DWG NO
B C3-222 29-01-024

CAGE COMSC DWG NO
94421 085-6975807

SCALE SH NO 1 OF 76

1. SOUNDING TUBE DESCRIPTIONS PENDING INSTALLATION.

NO	DESCRIPTION
	RESERVATIONS

INDEX

SH NO	TITLE	SH NO	TITLE	SH NO	TITLE
31	NO 4B WING BALLAST TANK S 8-78-3	66	CSA WASTE OIL TANK 8-87-2		
32	NO 6A WING BALLAST TANK P/S 8-99-4/3	67	CSA OILY WASTE HOLDING TANK 8-87-4		
33	NO 6B WING BALLAST TANK P/S 8-103-4/3	68	ENGINE ROOM WASTE OIL TANK 8-94-2		
34	NO 6D SW BALLAST TANK P/S 8-109-2/1	69	ENGINE ROOM OILY WASTE HOLDING TANK 8-93-2		
35	AFT PEAK BALLAST TANK P/S 8-113-2/1	70	OILY WASTE DRAIN COLLECTING TANK 7.5-86-2		
36	LIST CONTROL TANK P/S 6-64-2/1	71	USED OIL TANK 8-93-3		
37	POTABLE WATER TANK NO 1 5-95-7	72	FUEL OIL OVERFLOW TANK 8-93-1		
38	POTABLE WATER TANK NO 2 5-95-9	73	STERN TUBE LO DRAIN TANK P/S 7.5-97-2/1		
39	RESV FEED WATER TANK 5-91-1	74	VCHT TANK 2.5-91-2		
40	DIST WATER TANK 4.5-91-1	75	WASTE WATER TANK 2.5-94-2		
41	FUEL OIL TANK NO 1B P/S 8-29-2/1	76	FIXED BALLAST TANK 8-57-0		
42	FUEL OIL TANK NO 2A P/S 8-33-2/1				
43	FUEL OIL TANK NO 2B P/S 8-38-2/1				
44	FUEL OIL TANK NO 2C P/S 8-44-2/1				
45	FUEL OIL TANK NO 3A P/S 8-50-2/1				
46	FUEL OIL TANK NO 3C P/S 8-64-2/1				
47	FUEL OIL TANK NO 4A P/S 8-71-2/1				
48	FUEL OIL TANK NO 4B P/S 8-78-2/1				
49	FUEL OIL TANK NO 6A P/S 8-99-2/1				
50	FUEL OIL TANK NO 6B P/S 8-103-2/1				
51	FUEL OIL TANK NO 6C P/S 8-106-2/1				
52	SSDG FUEL OIL SERVICE TANK 6.5-99-1				
53	FUEL OIL SETTLING TANK 8-99-0				
54	FUEL OIL SERVICE TANK P 6.5-85-2				
55	FUEL OIL SERVICE TANK S 6.5-85-1				
56	EM GEN FO SERVICE TANK 02.5-103-1				
57	ME/SSDG LO STORAGE TANK P 6.5-91-2				
58	ME/SSDG LO STORAGE TANK S 6.5-90-1				
59	ME/SSDG LO SETTLING TANK P 6.5-93-2				
60	CPP LO STORAGE TANK 5-93-2				
61	CPP LO SETTLING TANK 5-95-3				
62	RG LO STORAGE TANK 5-92-2				
63	RG LO SETTLING TANK 5-95-5				
64	ME LO SUMP TANK P/S 7.5-86-4/1				
65	ME LO SUMP TANK P/S 7.5-86-6/3				

REVISIONS

SIZE

B

AVONDALE DWG NO	REV
C3-222 29-01-024	-
CAGE	DWG NO
94421	COMSC 085-6975807
	SH NO 3

GENERAL NOTES

1. THE TANK CAPACITY DATA PRESENTED IN THIS BOOKLET ARE BASED ON A ZERO TRIM AND LIST CONDITION OF THE VESSEL.
2. THE CALCULATIONS INCLUDE A 2% DEDUCTION VALUE FOR ITEMS SUCH AS STRUCTURE, PIPING AND OUTFITTING LOCATED WITHIN THE BOUNDARIES. THESE DEDUCTIONS WERE APPLIED UNIFORMLY OVER THE DEPTH OF THE TANK.
3. FOR SIMPLICITY, ANY SYMMETRICAL (PORT & STBD) TANKS ARE DESIGNATED AS "P OR S" ON THE HEADING OF THEIR RESPECTIVE CURVE PLOTS. THE DATA PROVIDED IN SUCH PLOTS ARE FOR EITHER PORT OR STBD TANKS. HOWEVER, VALUES FOR EACH TANK ARE LISTED IN THE TANK SUMMARY TABLES.

4. THE REFERENCE PLANES USED IN THE CURVES ARE AS FOLLOWS:

- A) VERTICAL: BOTTOM OF THE KEEL = 0.07' BELOW BASELINE.
- B) LONGITUDINAL: FWD PERPENDICULAR = 0.00' FROM FRAME 0
- C) TRANSVERSE: LONGITUDINAL CENTERLINE = PORT IS POSITIVE, STARBOARD IS NEGATIVE.

NOTE: THE TCG VALUES SHOWN ON THE CURVES FOR SYMMETRICAL (P & S) TANKS ARE SHOWN AS POSITIVE VALUES. IF A SYMMETRICAL PAIR OF TANKS ARE USED INDIVIDUALLY, SIMPLY USE A NEGATIVE TCG VALUE FOR THE STARBOARD TANK.

5. THE FOLLOWING CONVERSION FACTORS MAY BE USEFUL:

<u>DIVIDE</u>	<u>BY</u>	<u>TO OBTAIN</u>
GALLONS	261.835	LONG TONS SALT WATER
GALLONS	269.316	LONG TONS FRESH WATER
GALLONS	316.596	LONG TONS DFM
GALLONS	291.759	LONG TONS LUBE OIL
GALLONS	7.481	CUBIC FEET

GENERAL NOTES (CONT'D)

5. CONVERSION FACTORS CONTINUED:

<u>MULTIPLY</u>	<u>BY</u>	<u>TO OBTAIN</u>
LONG TONS	2240	POUNDS
LONG TONS	1.12	SHORT TONS
LONG TONS	1.016	METRIC TONS
LONG TONS SW	35.00	CUBIC FEET
LONG TONS FW	36.00	CUBIC FEET
LONG TONS DFM	42.32	CUBIC FEET
LONG TONS LO	39.00	CUBIC FEET

6. ALL CURVES EXCEPT THE VCG CURVE ARE TO BE READ AS FOLLOWS: DETERMINE THE HEIGHT ABOVE KEEL OF THE LIQUID SURFACE, READ ACROSS TO THE DESIRED CURVE, THEN READ UP OR DOWN TO THE APPROPRIATE SCALE.

THE VCG CURVE IS READ BY FIRST DETERMINING THE HEIGHT ABOVE KEEL OF THE LIQUID SURFACE AND THEN READ ACROSS TO THE CAPACITY CURVE. NEXT, READ DOWN TO THE VCG CURVE AND THEN BACK TO THE "HEIGHT ABOVE KEEL" SCALE.

THE CONVERSION OF CURVE READINGS IS DETERMINED BY USING THE CORRESPONDING SCALING VALUES IN THE LOWER RIGHT CORNER OF EACH PLOT.

REVISIONS

SIZE

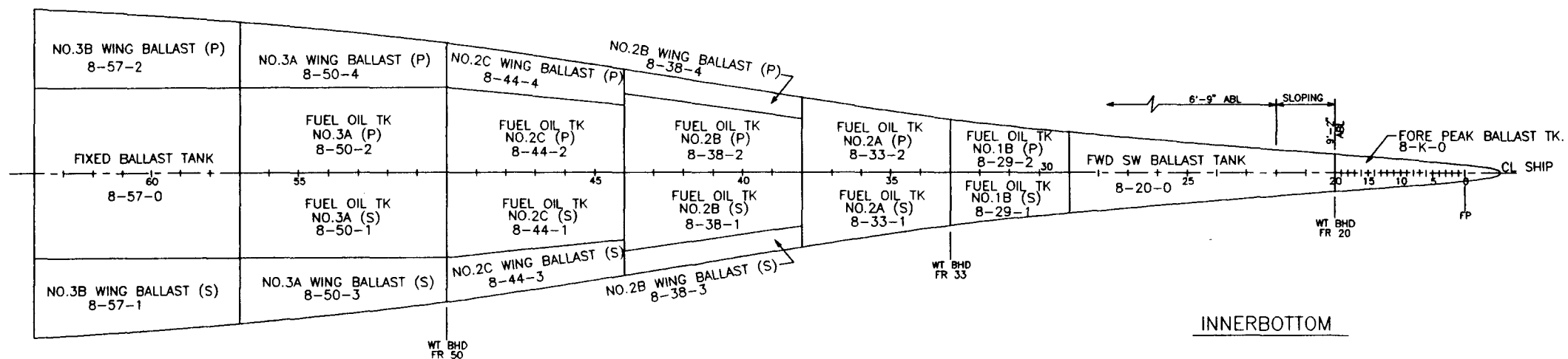
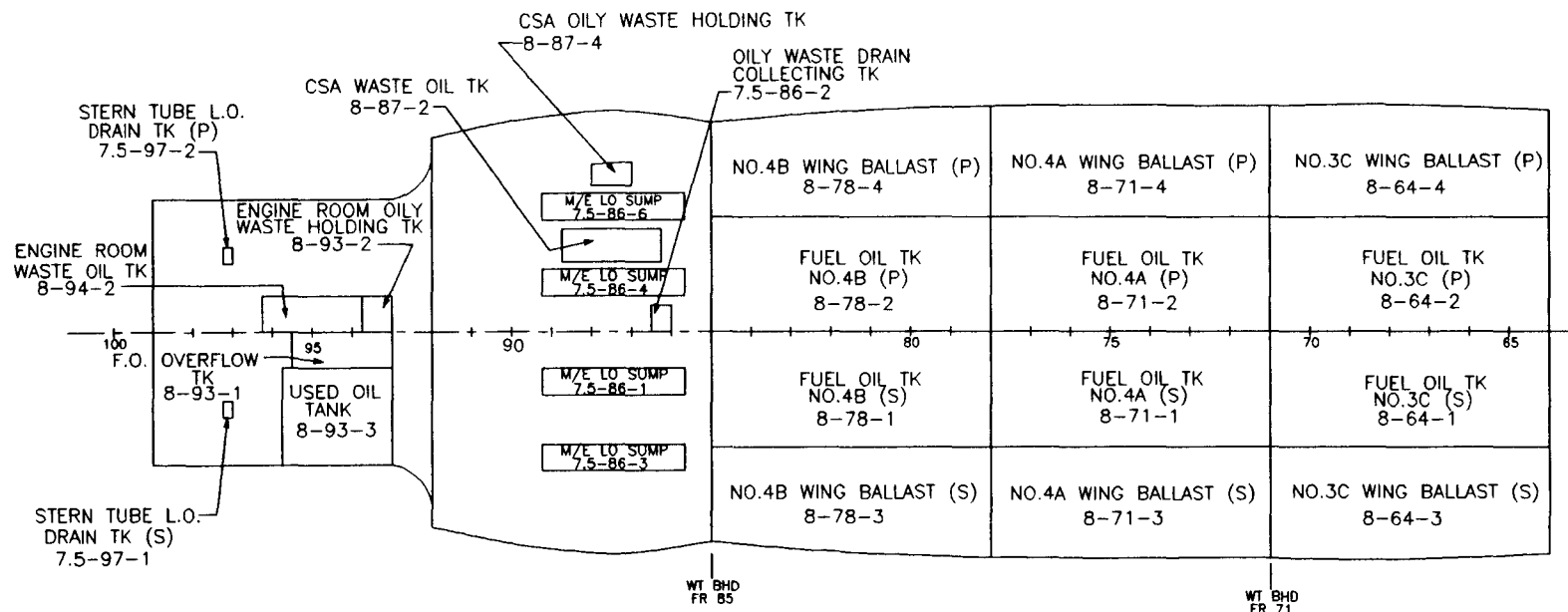
B

AVONDALE DWG NO
C3-222 29-01-024

CAGE DWG NO
94421 COMSC 085-6975807

SH NO 4

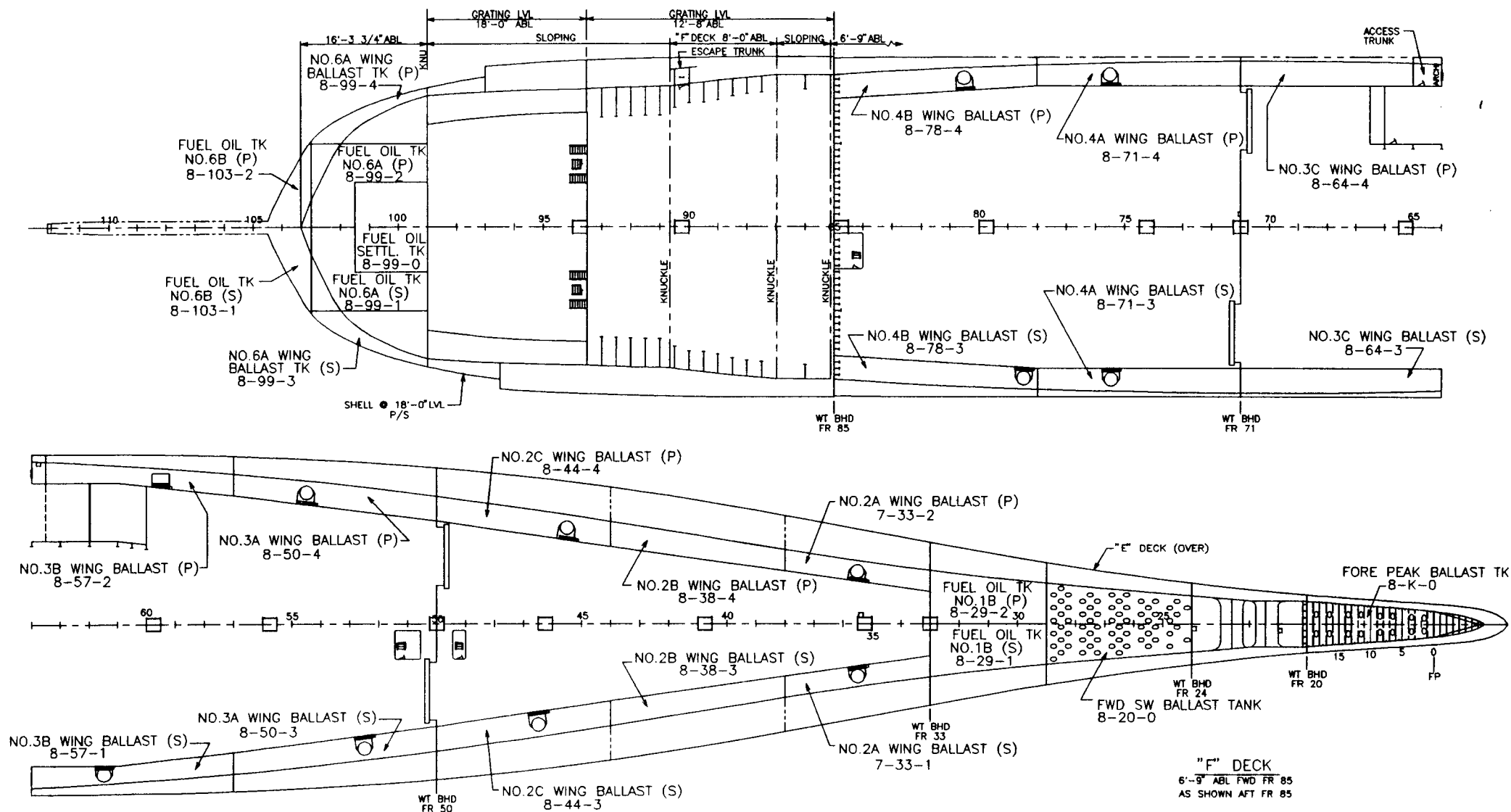
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			REVISIONS	SIZE B	AVONDALE DWG NO C3-222 29-01-024	REV -
					CAGE 94421	DWG NO COMSC 085-6975807
						SH NO 5



INNERBOTTOM

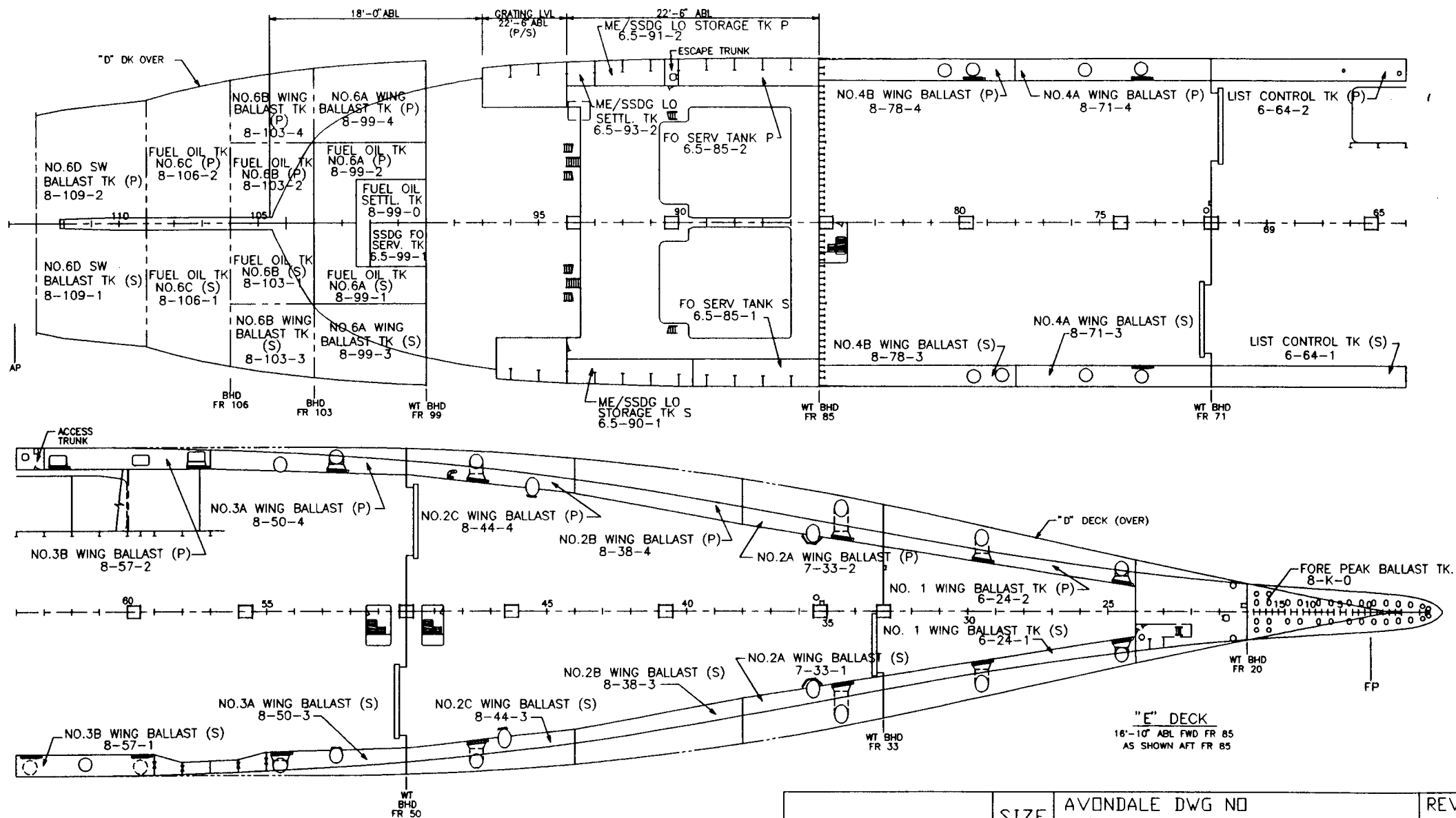
KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO		REV
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		CAGE	DWG NO	
		94421	COMSC	085-6975807
			SH NO	6



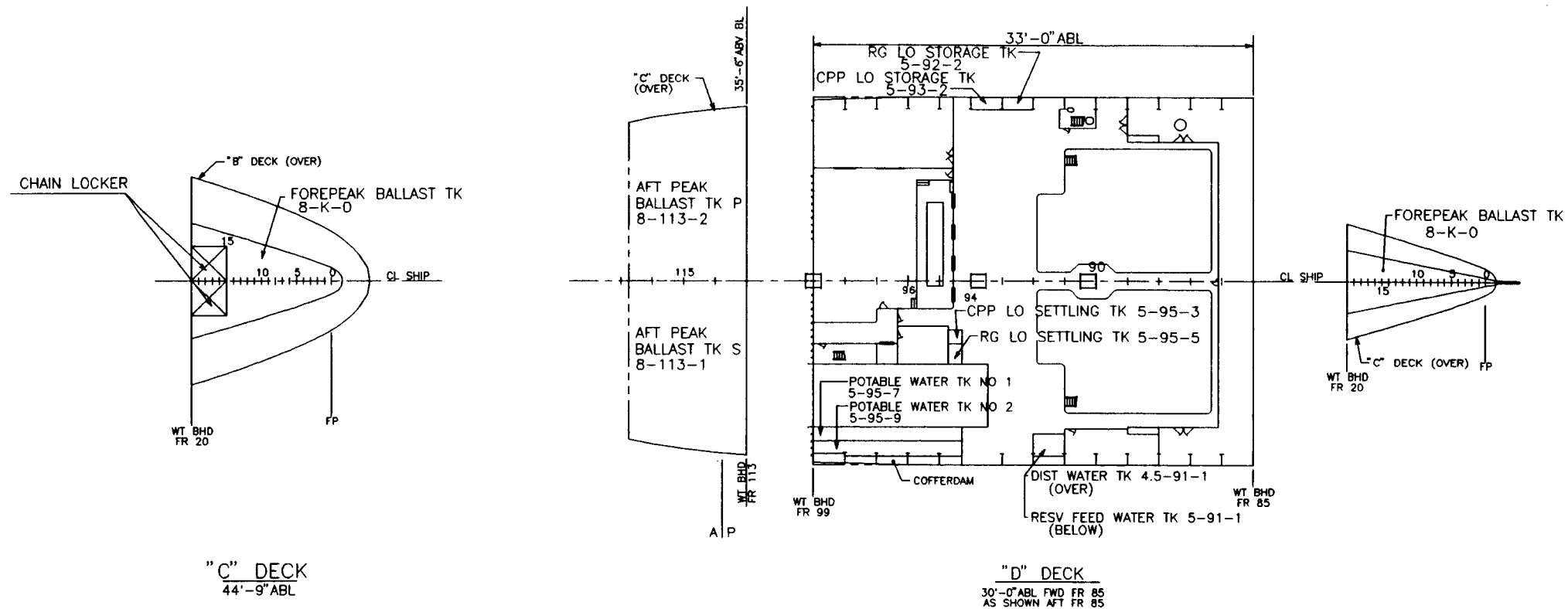
KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO		REV
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		CAGE	DWG NO	
	94421	COMSC 085-6975807		
			SH NO 7	



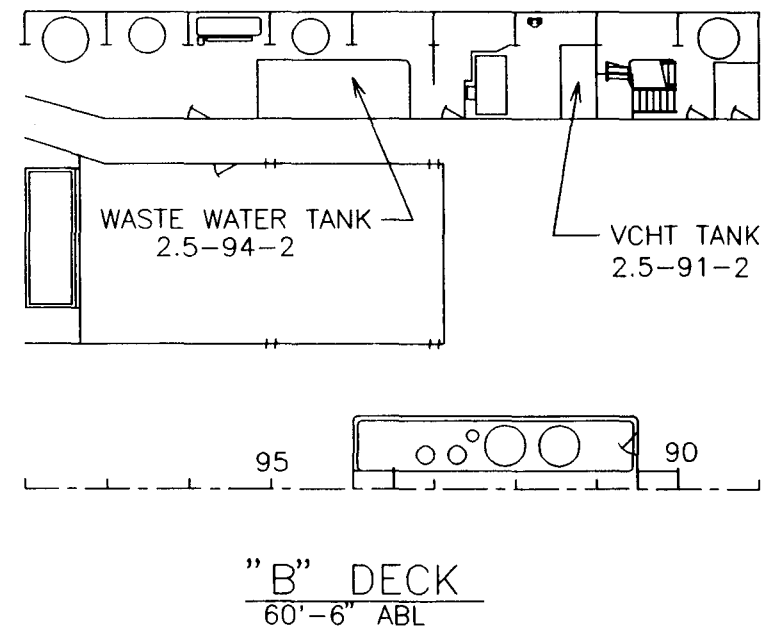
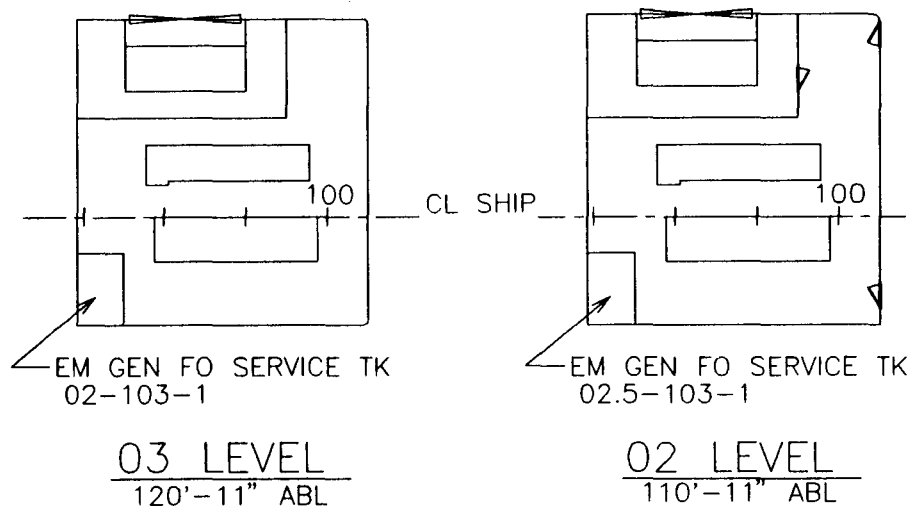
KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO		REV
	B	C3-222 29-01-024		—
		CAGE	DWG NO	
	94421	COMSC 085-6975807		
			SH NO 8	



KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO C3-222 29-01-024		REV —
	B	CAGE 94421	DWG NO COMSC 085-6975807	
			SH NO 9	



KEY PLAN

REVISIONS	SIZE	AVONDALE DWG NO		REV
	B	C3-222	29-01-024	-
		CAGE 94421	DWG NO COMSC 085-6975807	
			SH NO 10	

BALLAST TANK SUMMARY

TANK	FRAME	CAPACITY 00% FULL GALLONS	CENTERS @ 100%			MAX FREE SURF (FT-LT)	
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)		
FOREPEAK	8-K-0	STEM-20	326785	36.98	18.54	0.00	9415.0
FWD SW BALLAST TK	8-20-0	20-29	134879	9.55	95.19	-0.02	3338.7
NO 1 WING BALLAST TK P	6-24-2	24-33	52493	24.68	120.74	19.24	718.4
NO 1 WING BALLAST TK S	6-24-1	24-33	54265	24.49	120.19	-19.12	719.5
NO 2A WING BALLAST TK P	7-33-2	33-38	74305	18.85	180.34	24.95	515.4
NO 2A WING BALLAST TK S	7-33-1	33-38	74749	18.75	180.32	-24.88	533.5
NO 2B WING BALLAST TK P	8-38-4	38-44	108367	17.62	228.83	31.90	887.6
NO 2B WING BALLAST TK S	8-38-3	38-44	108367	17.62	228.83	-31.90	887.6
NO 2C WING BALLAST TK P	8-44-4	44-50	103007	15.61	283.22	37.61	802.7
NO 2C WING BALLAST TK S	8-44-3	44-50	102877	15.58	282.90	-37.63	764.8
NO 3A WING BALLAST TK P	8-50-4	50-57	124786	13.78	341.87	41.46	816.0
NO 3A WING BALLAST TK S	8-50-3	50-57	122339	13.57	341.65	-41.41	816.0
NO 3B WING BALLAST TK P	8-57-2	57-64	121702	11.13	403.27	42.28	1786.4
NO 3B WING BALLAST TK S	8-57-1	57-64	127398	11.27	404.93	-42.61	1786.4
NO 3C WING BALLAST TK P	8-64-4	64-71	103286	6.44	469.27	40.92	2414.6
NO 3C WING BALLAST TK S	8-64-3	64-71	108876	6.73	467.80	-41.29	2414.6
NO 4A WING BALLAST TK P	8-71-4	71-78	143013	11.15	530.14	43.28	2350.3
NO 4A WING BALLAST TK S	8-71-3	71-78	144204	11.15	530.12	-43.33	2350.3
NO 4B WING BALLAST TK P	8-78-4	78-85	137277	11.83	593.94	42.85	1839.0
NO 4B WING BALLAST TK S	8-78-3	78-85	138709	11.87	594.35	-42.90	1839.0
NO 6A WING BALLAST TK P	8-99-4	99-103	79092	24.73	767.41	36.11	1330.7
NO 6A WING BALLAST TK S	8-99-3	99-103	79092	24.73	767.41	-36.11	1330.7
NO 6B WING BALLAST TK P	8-103-4	103-106	33054	27.07	799.08	34.53	682.5
NO 6B WING BALLAST TK S	8-103-3	103-106	33054	27.07	799.08	-34.53	682.5
NO 6D SW BALLAST TK P	8-109-2	109-113	36960	30.62	857.13	12.12	1714.8
NO 6D SW BALLAST TK S	8-109-1	109-113	36960	30.62	857.13	-12.12	1714.8
AFT PEAK BALLAST TK P	8-113-2	113-117	92901	39.83	893.02	19.17	6929.8
AFT PEAK BALLAST TK S	8-113-1	113-117	92901	39.83	893.02	-19.17	6929.8
TOTALS			2895698	19.07	404.32	-0.21	58311.4

FRESH WATER TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL GALLONS	CENTERS @ 100%			MAX FREE SURF (FT-LT)	
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)		
POTABLE WATER TANK NO 1	5-95-7	94-99	12706	38.90	729.75	-44.26	4.1
POTABLE WATER TANK NO 2	5-95-9	94-99	15827	38.94	729.07	-48.17	8.1
RESV FEED WATER TANK	5-91-1	91-92	2513	35.91	683.50	-47.21	5.5
DIST WATER TANK	4.5-91-1	91-92	2513	41.98	683.50	-47.21	5.5
TOTALS			33559	38.93	722.69	-46.54	23.2

LIST CONTROL TANK SUMMARY

TANK	FRAME	CAPACITY 00% FULL (GALLONS)	CENTERS @ 100%			MAX FREE SURF (FT-LT)
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
LIST CONTROL TANK P 6-64-2	64-71	42076	23.48	467.50	49.46	48.7
LIST CONTROL TANK S 6-64-1	64-71	42076	23.48	467.50	-49.46	48.7
TOTALS		84152	23.48	467.50	0.00	97.4

FIXED BALLAST TANK SUMMARY

TANK	FRAME	CAPACITY 00% FULL (GALLONS)	CENTERS @ 100%			MAX FREE SURF (FT-LT)
			VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
FIXED BALLAST TANK 8-57-0	57-64	162126	3.45	404.50	0.0	0.0
TOTALS		162126	3.45	404.50	0.0	0.0

REVISIONS

SIZE

B

AVONDALE DWG NO
C3-222 29-01-024

REV
—

CAGE
94421

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SH NO 11

FUEL OIL TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL GALLONS	CAPACITY 98% FULL GALLONS	CENTERS @ 98%			MAX FREE SURF (FT-LT)
				VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
FUEL OIL TANK NO 1B P 8-29-2	29-33	66501	65173	9.95	139.78	8.43	757.3
FUEL OIL TANK NO 1B S 8-29-1	29-33	66501	65173	9.95	139.78	-8.43	757.3
FUEL OIL TANK NO 2A P 8-33-2	33-38	30620	30007	3.96	180.92	7.52	679.7
FUEL OIL TANK NO 2A S 8-33-1	33-38	30620	30007	3.96	180.92	-7.52	679.7
FUEL OIL TANK NO 2B P 8-38-2	38-44	48679	47705	3.65	230.86	9.48	915.9
FUEL OIL TANK NO 2B S 8-38-1	38-44	48679	47705	3.65	230.86	-9.48	915.9
FUEL OIL TANK NO 2C P 8-44-2	44-50	60550	59337	3.46	284.21	11.45	1349.7
FUEL OIL TANK NO 2C S 8-44-1	44-50	60550	59337	3.46	284.21	-11.45	1349.7
FUEL OIL TANK NO 3A P 8-50-2	50-57	80829	79212	3.39	341.56	12.97	2136.6
FUEL OIL TANK NO 3A S 8-50-1	50-57	80829	79212	3.39	341.56	-12.97	2136.6
FUEL OIL TANK NO 3C P 8-64-2	64-71	81063	79442	3.38	467.50	13.00	2136.6
FUEL OIL TANK NO 3C S 8-64-1	64-71	81063	79442	3.38	467.50	-13.00	2136.6
FUEL OIL TANK NO 4A P 8-71-2	71-78	81063	79442	3.38	530.50	13.00	2136.6
FUEL OIL TANK NO 4A S 8-71-1	71-78	81063	79442	3.38	530.50	-13.00	2136.6
FUEL OIL TANK NO 4B P 8-78-2	78-85	80921	79303	3.38	593.45	12.98	2126.2
FUEL OIL TANK NO 4B S 8-78-1	78-85	80921	79303	3.38	593.45	-12.98	2126.2
FUEL OIL TANK NO 6A P 8-99-2	99-103	75747	74232	23.02	771.74	16.07	705.8
FUEL OIL TANK NO 6A S 8-99-1	99-103	75747	74232	23.02	771.74	-16.07	705.8
FUEL OIL TANK NO 6B P 8-103-2	103-106	65123	63821	25.04	799.72	12.60	915.7
FUEL OIL TANK NO 6B S 8-103-1	103-106	65123	63821	25.04	799.72	-12.60	915.7
FUEL OIL TANK NO 6C P 8-106-2	106-109	57393	56245	27.61	825.97	17.25	4225.2
FUEL OIL TANK NO 6C S 8-106-1	106-109	57393	56245	27.61	825.97	-17.25	4225.2
SSDG FO SERVICE TANK 6.5-99-1	99-101	12010	11770	28.26	760.00	-7.00	95.3
FUEL OIL SETTLING TANK 8-99-0	99-102	76446	74917	20.76	762.17	1.03	953.2
FUEL OIL SERVICE TK P 6.5-85-2	85-90	30837	30221	27.72	647.49	48.45	61.4
FUEL OIL SERVICE TK S 6.5-85-1	85-90	27764	27209	27.72	645.25	-48.45	55.3
EM GEN FO SERVICE TK 02.5-103-1	102-103	2566	2515	120.49	785.12	-8.00	5.2
TOTALS		1606601	1574470	11.40	512.14	0.08	37341.0

LUBE OIL TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL (GALLONS)	CAPACITY 98% FULL (GALLONS)	CENTERS @ 98%			MAX FREE SURF (FT-LT)
				VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
ME/SSDG LO STORAGE TK P 6.5-91-2	91-93	15237	14933	27.76	685.72	48.40	33.2
ME/SSDG LO STORAGE TK S 6.5-90-1	90-94	27389	26852	27.77	685.63	-48.39	59.9
ME/SSDG LO SETTLING TK P 6.5-93-2	93-94	5990	5870	27.81	701.49	48.33	13.3
CPP LO STORAGE TANK 5-93-2	93-94	2765	2710	38.83	701.50	51.12	0.9
CPP LO SETTLING TANK 5-95-3	94-95	587	575	35.52	710.50	-16.00	0.5
RG LO STORAGE TANK 5-92-2	92-93	2776	2721	38.83	692.50	51.12	0.9
RG LO SETTLING TANK 5-95-5	94-95	1408	1380	36.99	710.50	-21.00	1.8
ME LO SUMP TK S 7.5-86-1	86-89	5664	5551	8.14	643.36	-11.00	11.9
ME LO SUMP TK P 7.5-86-4	86-89	5664	5551	8.14	643.36	11.00	11.9
ME LO SUMP TK S 7.5-86-3	86-89	5659	5546	8.14	643.36	-28.17	11.9
ME LO SUMP TK P 7.5-86-6	86-89	5659	5546	8.14	643.36	28.17	11.9
TOTALS		78798	77235	23.13	676.13	-0.69	158.1

MISCELLANEOUS TANK SUMMARY

TANK	FRAME	CAPACITY 100% FULL GALLONS	CAPACITY 98% FULL GALLONS	CENTERS @ 98%			MAX FREE SURF (FT-LT)
				VCG ABV KL (FEET)	LCG FROM FP (FEET)	TCG FROM CL (FEET)	
CSA WASTE OIL TANK 8-87-2	86-89	9067	8886	4.23	647.31	19.54	18.0
CSA OILY WASTE HOLDING TANK 8-87-4	87-88	2073	2031	5.03	647.36	35.61	2.6
ENGINE ROOM WASTE OIL TANK 8-94-2	94-97	8199	8035	8.77	714.88	4.04	23.2
ENGINE ROOM OILY WASTE HOLDING TK 8-93-2	93-94	2418	2369	7.14	700.33	4.04	7.0
OILY WASTE DRAIN COLLECTING TANK 7.5-86-2	86-87	627	615	5.97	636.26	3.00	1.9
USED OIL TANK 8-93-3	93-96	26453	25917	8.47	709.13	-21.09	1041.8
FO OVERFLOW TANK 8-93-1	93-96	8209	8045	8.03	708.11	-4.04	23.2
STERN TUBE LO DRAIN TANK P 7.5-97-2	97-98	103	101	11.23	734.13	17.58	0.3
STERN TUBE LO DRAIN TANK S 7.5-97-1	97-98	103	101	11.23	734.13	-17.58	0.3
VCHT TANK 2.5-91-2	91-92	2352	2305	67.26	681.01	45.17	5.5
WASTE WATER TANK 2.5-94-2	94-95	11707	11473	70.33	708.05	44.25	10.9
TOTALS		71311	69878	21.82	698.27	6.19	1134.7

REVISIONS	SIZE B	AVONDALE DWG NO C3-222 29-01-024		REV —
		CAGE 94421	DWG NO COMSC 085-6975807	
			SH NO 12	

TANK: FOREPEAK BALLAST TANK 8-K-0

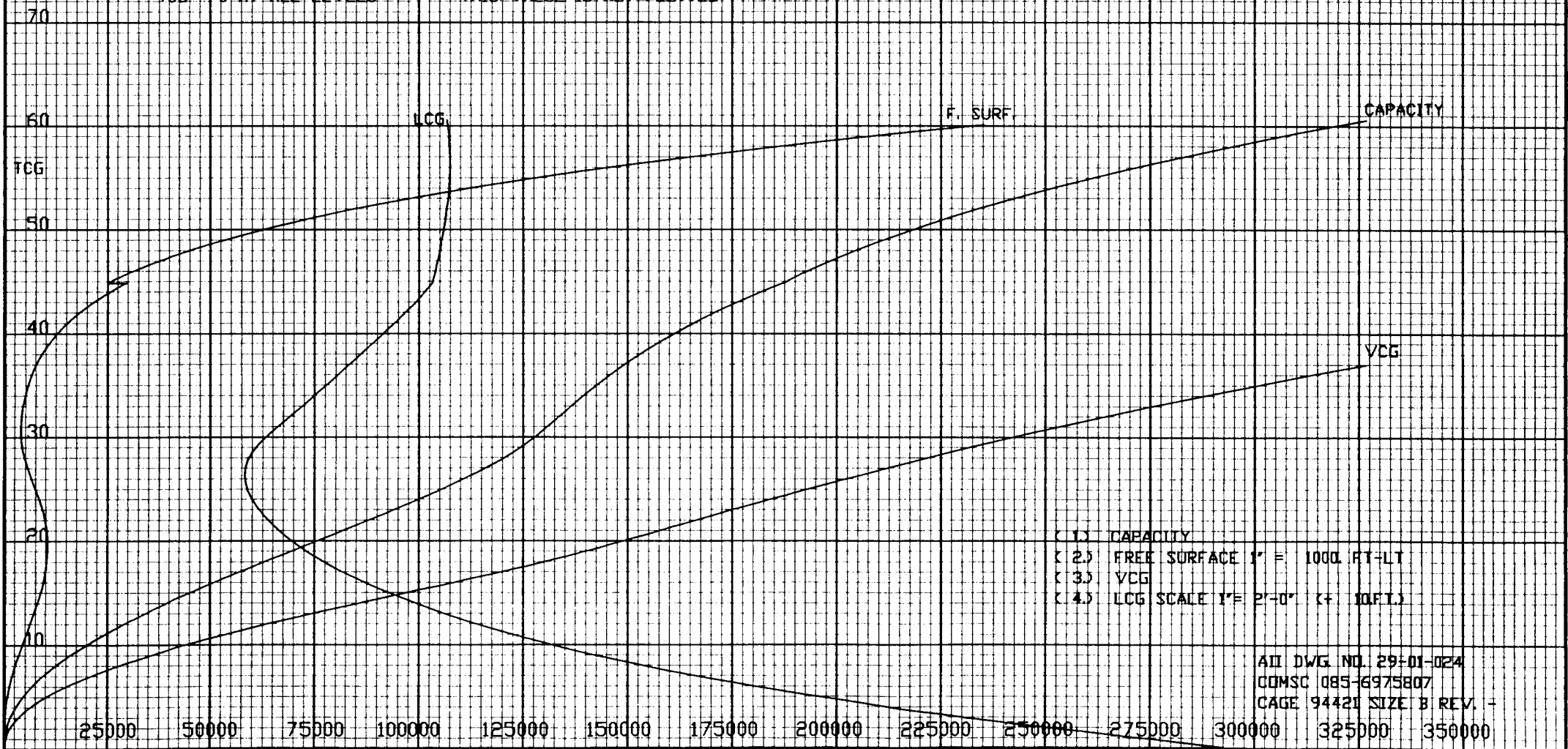
HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES STEM-20 TOP OF TANK = 60.57 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

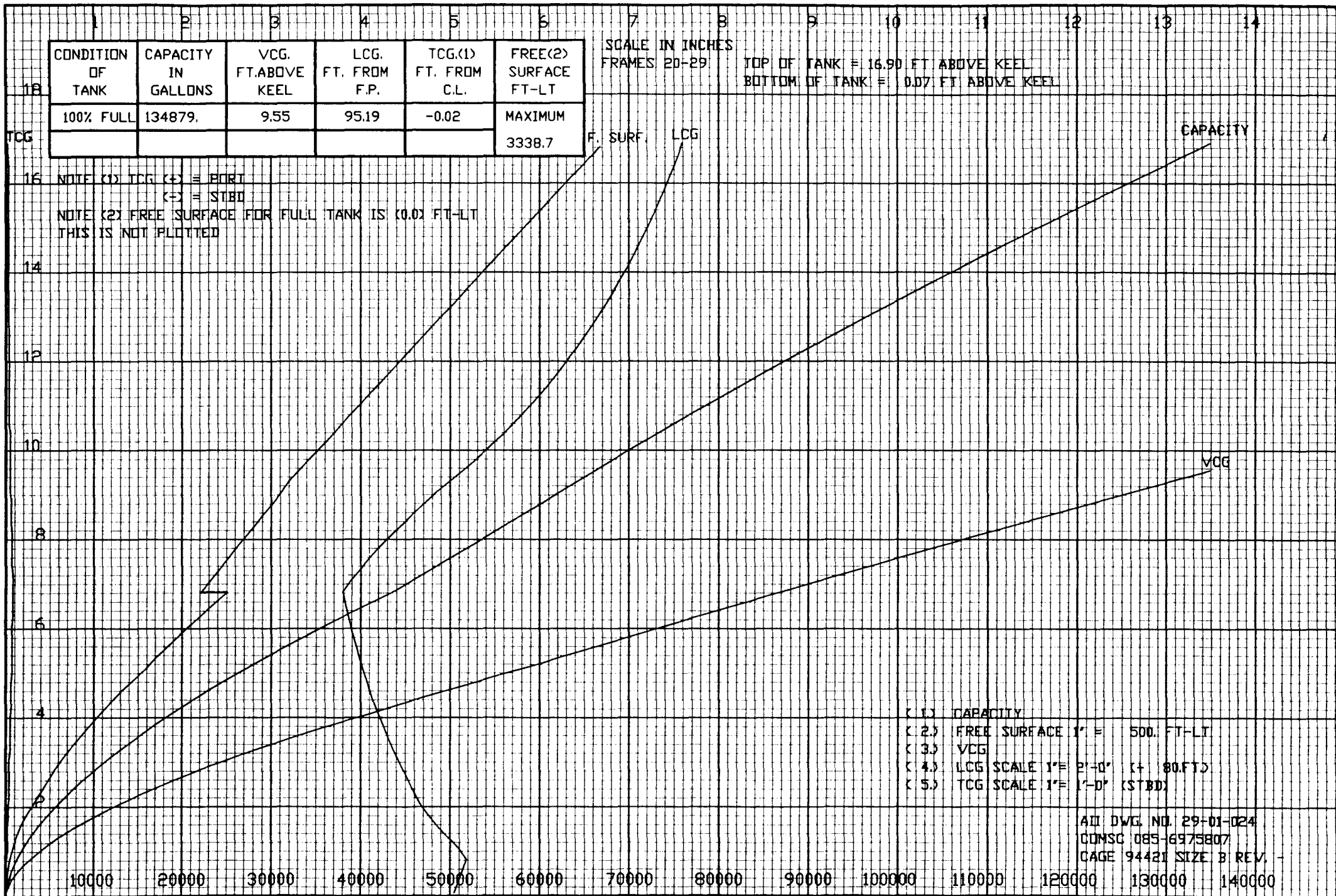
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	326785.	36.98	18.54	0.00	MAXIMUM
					9415.0

NOTE (1) SYMMETRICAL TANK TCG = 0 AT ALL LEVELS (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS VALUE IS NOT PLOTTED



TANK: FWD SW BALLAST TANK 8-20-0

HEIGHT ABOVE KEEL - FEET



TANK: NO 1 WING BALLAST TANK P 6-24-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 24-33

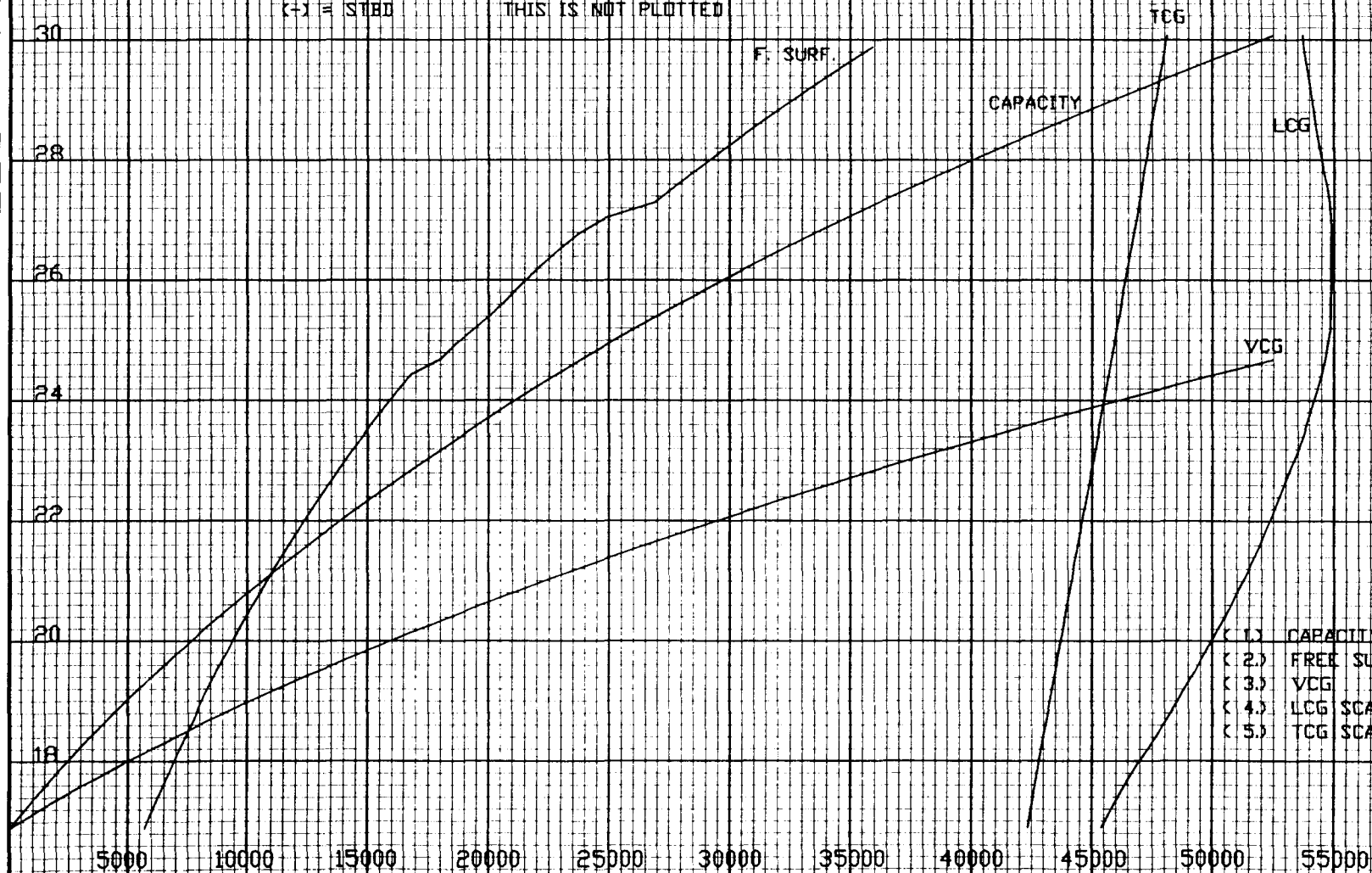
TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 16.90 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	52493	24.68	120.74	19.24	MAXIMUM
					718.4

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT*4
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4 110 FT)
- (5) TCG SCALE 1" = 2'-0" (PORT)

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PAGE 94421 SIZE B REV. -

TANK: NO 1 WING BALLAST TANK S 6-24-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 24-33

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 16.90 FT KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	54265.	24.49	120.19	-19.12	MAXIMUM
					719.5

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

F. SURF.

TCG

LCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4.110 FT)
- (5) TCG SCALE 1" = 2'-0" (STBD)

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5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000

CAPACITY IN GALLONS

TANK: NO 2A WING BALLAST TANK P 7-33-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES: 33-38

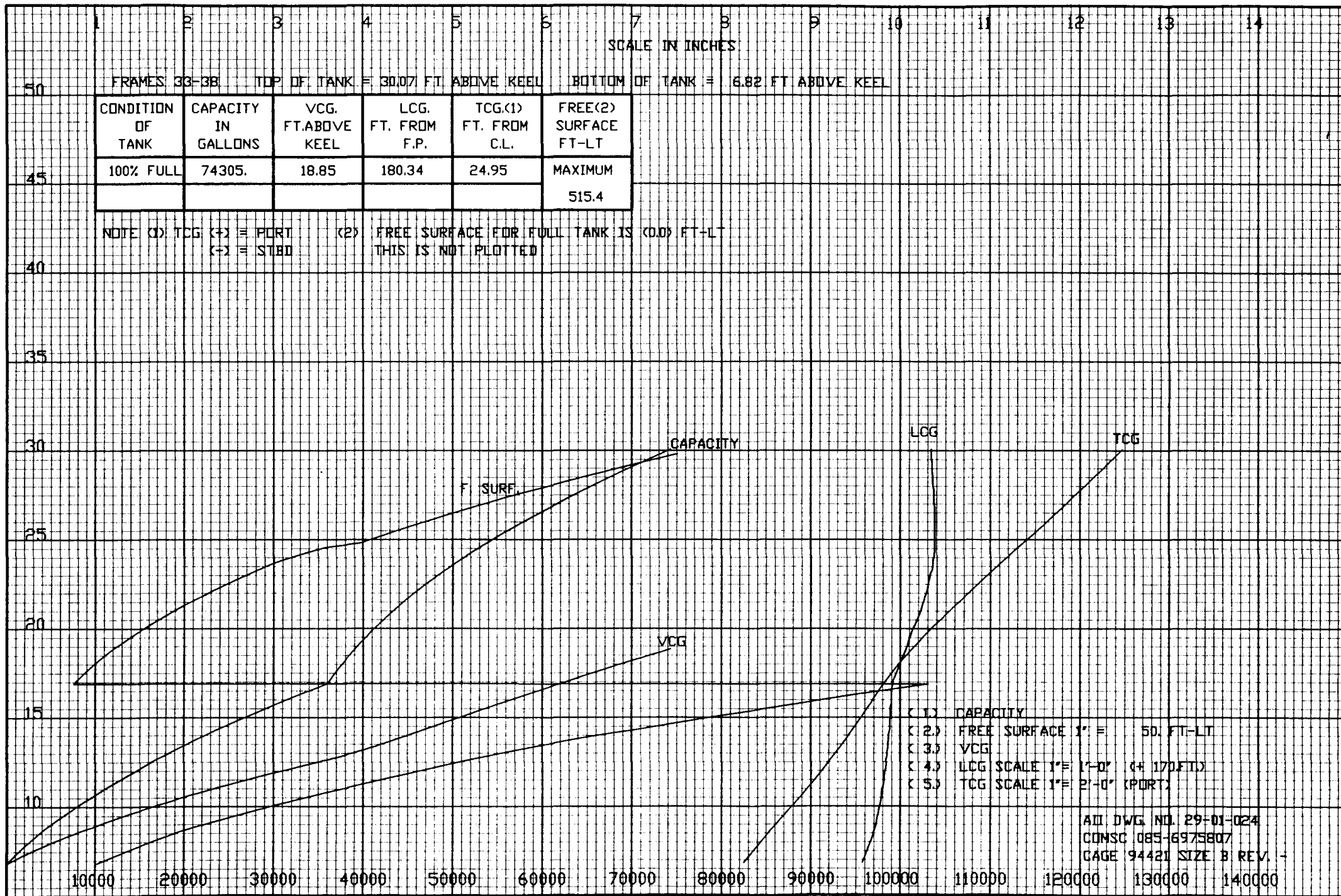
TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 6.82 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	74305.	18.85	180.34	24.95	MAXIMUM
					515.4

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

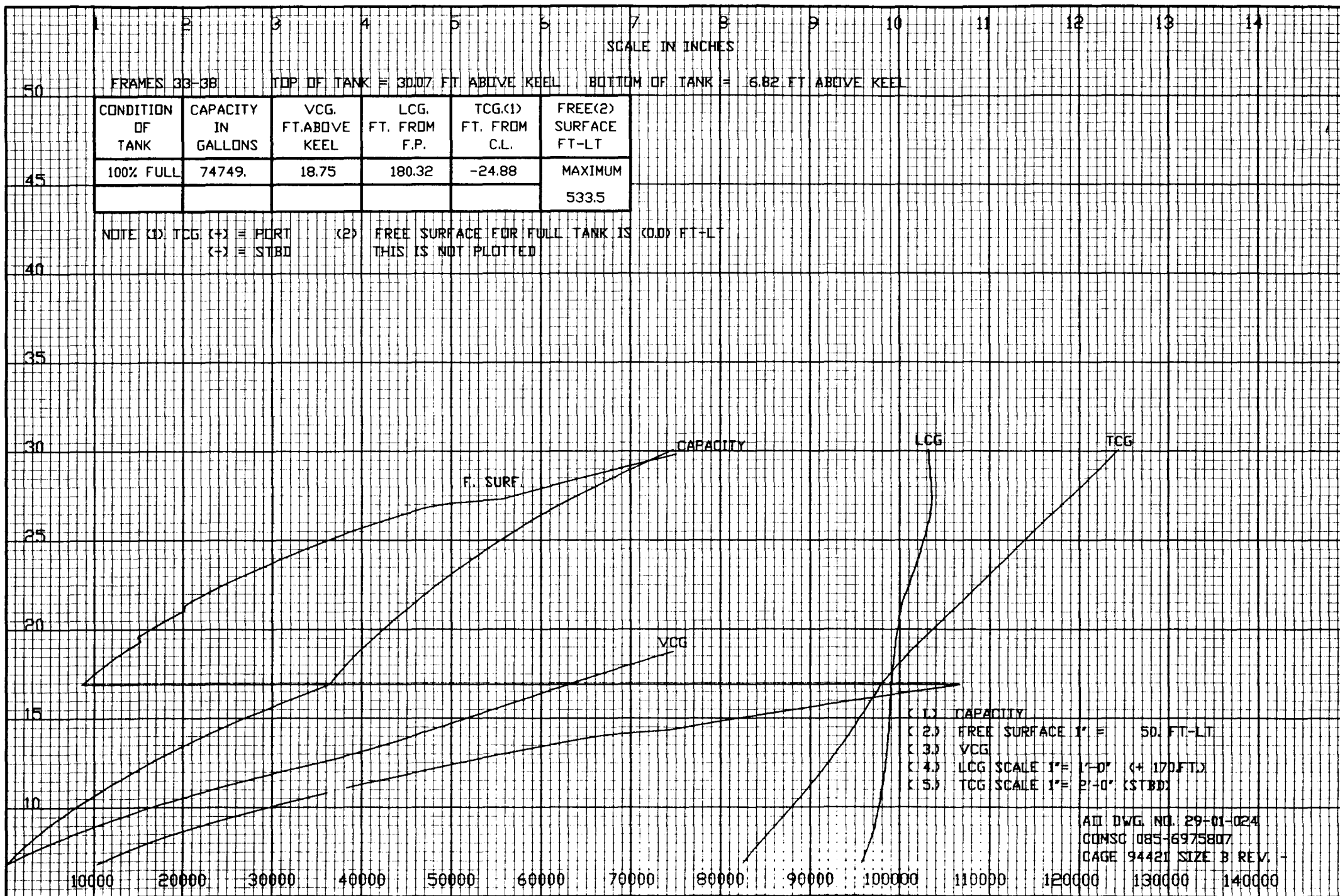


- (1) CAPACITY
- (2) FREE SURFACE 1" = 50. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4: 170 FT)
- (5) TCG SCALE 1" = 2'-0" (PORT)

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CONSC 085-6975807
GAGE 94421 SIZE B REV. -

TANK: NO 2A WING BALLAST TANK S 7-33-1

HEIGHT ABOVE KEEL - FEET



TANK: NO 2B WING BALLAST TANK P OR S 8-38-4/3

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 38-44

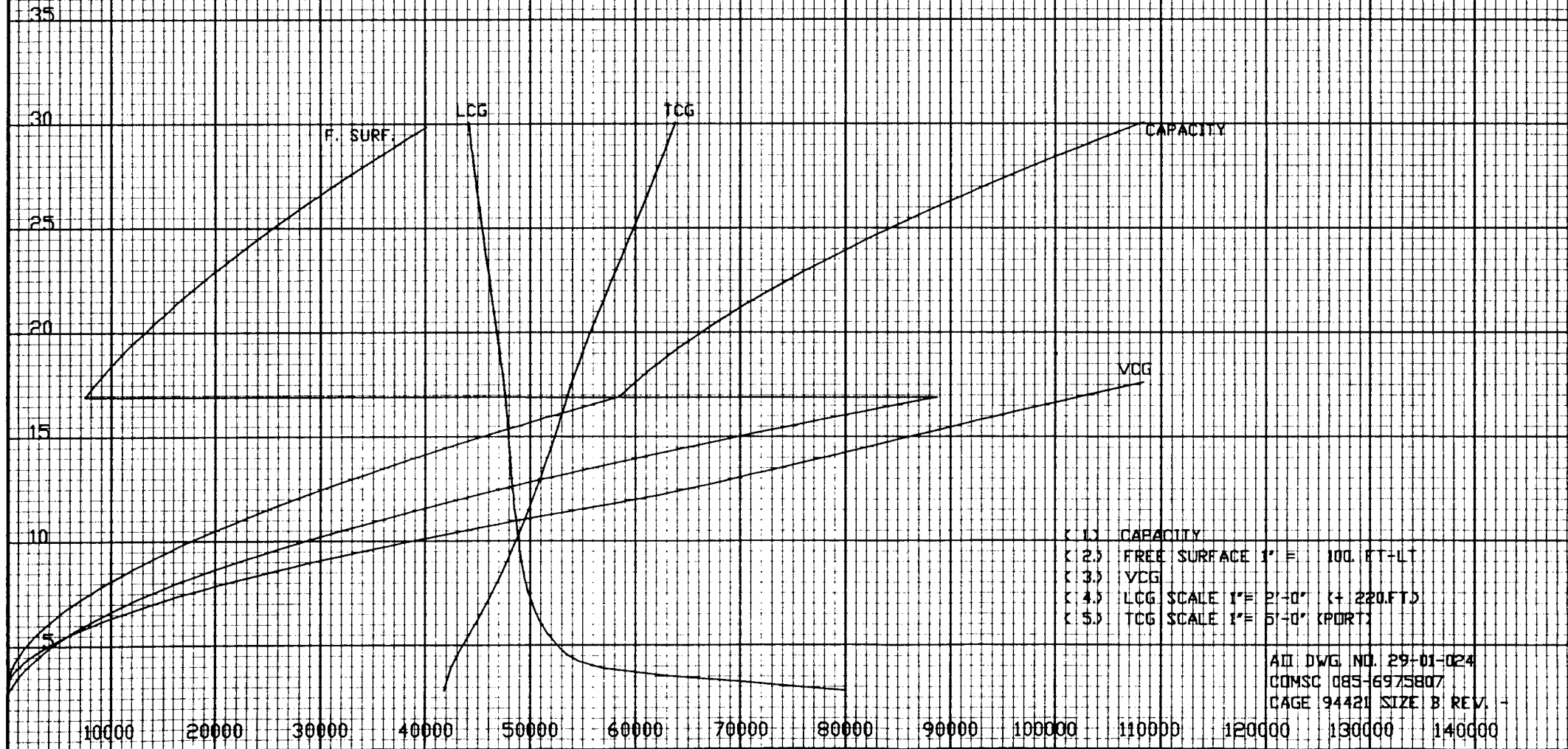
TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 2.89 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	108367.	17.62	228.83	31.90	MAXIMUM
					887.6

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 220.FT)
- (5) TCG SCALE 1" = 5'-0" (PORT)

AD DWG NO. 29-01-024
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PAGE 94421 SIZE B REV. -

TANK: NO 2C WING BALLAST TANK P 8-44-4

HEIGHT ABOVE KEEL - FEET

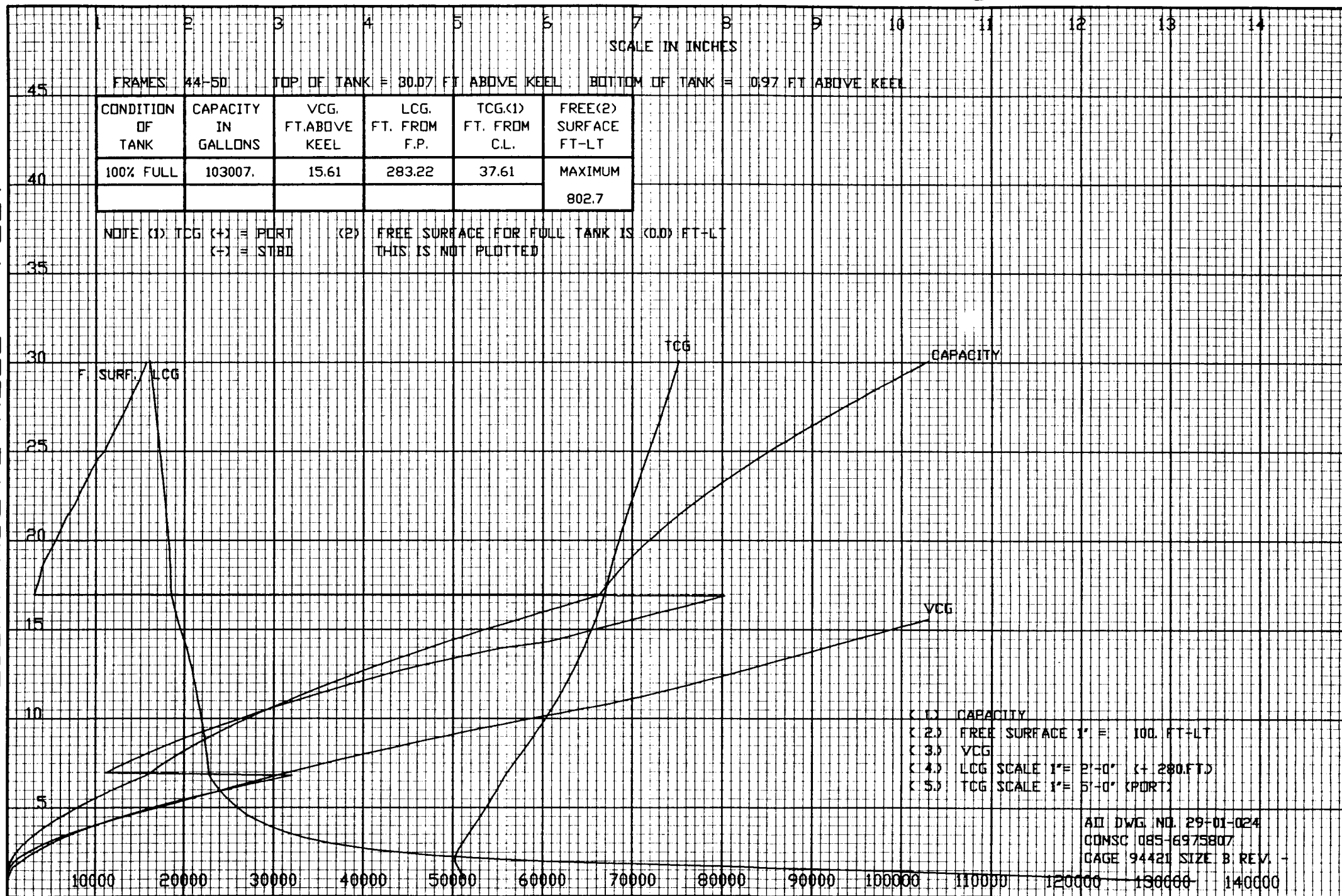
SCALE IN INCHES

FRAMES 44-50 TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 10.97 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	103007.	15.61	283.22	37.61	MAXIMUM
					802.7

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1' = 100 FT-LT
- (3) VCG
- (4) LCG SCALE 1' = 2'-0" (+ 280 FT)
- (5) TCG SCALE 1' = 5'-0" (PORT)

AD DWG NO. 29-01-024
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TANK: NO 2C WING BALLAST TANK S 8-44-3

FRAMES 44-50

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.97 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	102877.	15.58	282.90	-37.63	MAXIMUM
					764.8

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

LCG F. SURF.

TCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 21'-0" (+ 280.FT)
- (5) TCG SCALE 1" = 5'-0" (STBD)

AD DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: NO 3A WING BALLAST TANK P 8-50-4

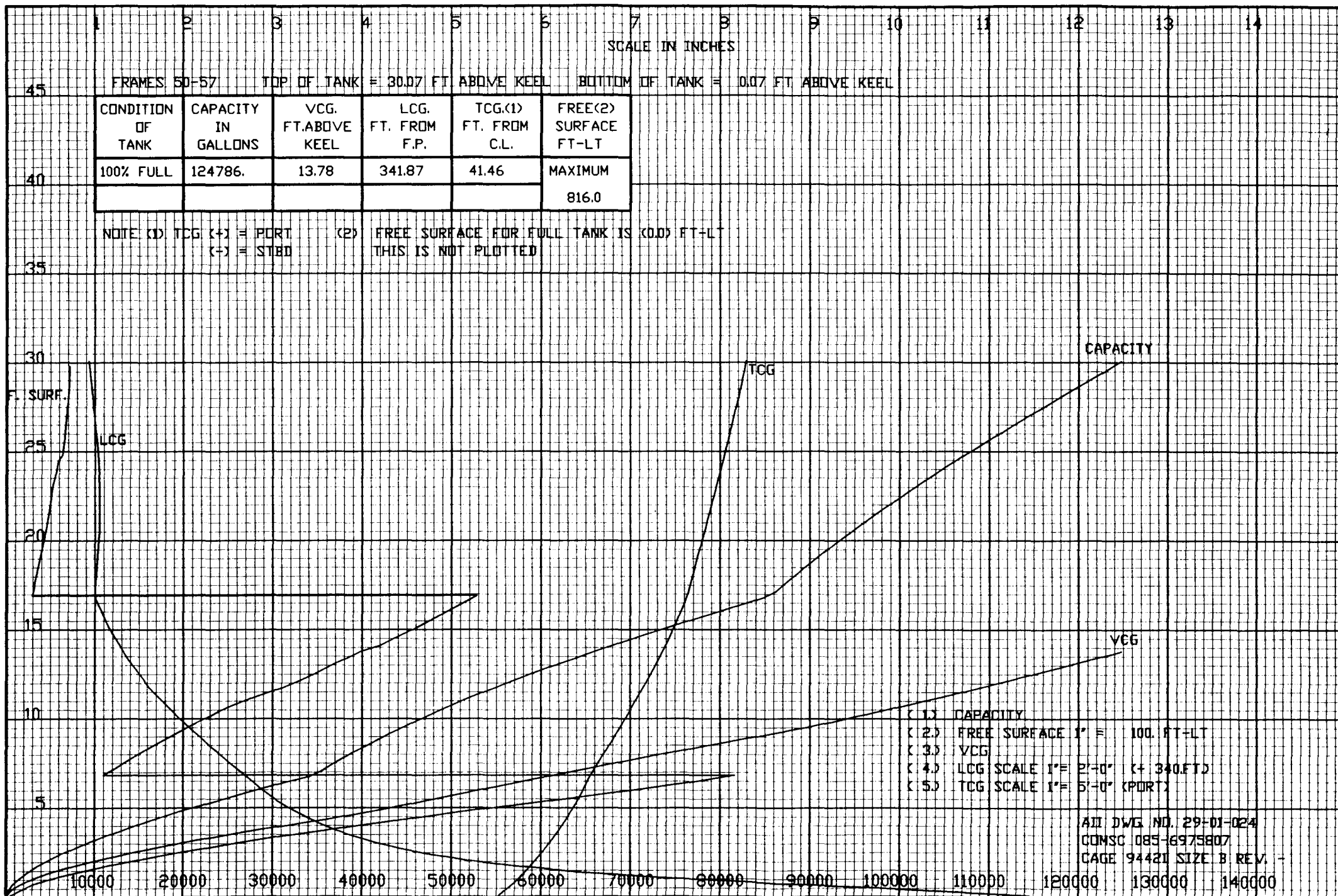
FRAMES 50-57 TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	124786.	13.78	341.87	41.46	MAXIMUM
					816.0

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 340.FT)
- (5) TCG SCALE 1" = 5'-0" (PORT)

AII DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: NO 3A WING BALLAST TANK S 8-50-3

HEIGHT ABOVE KEEL - FEET

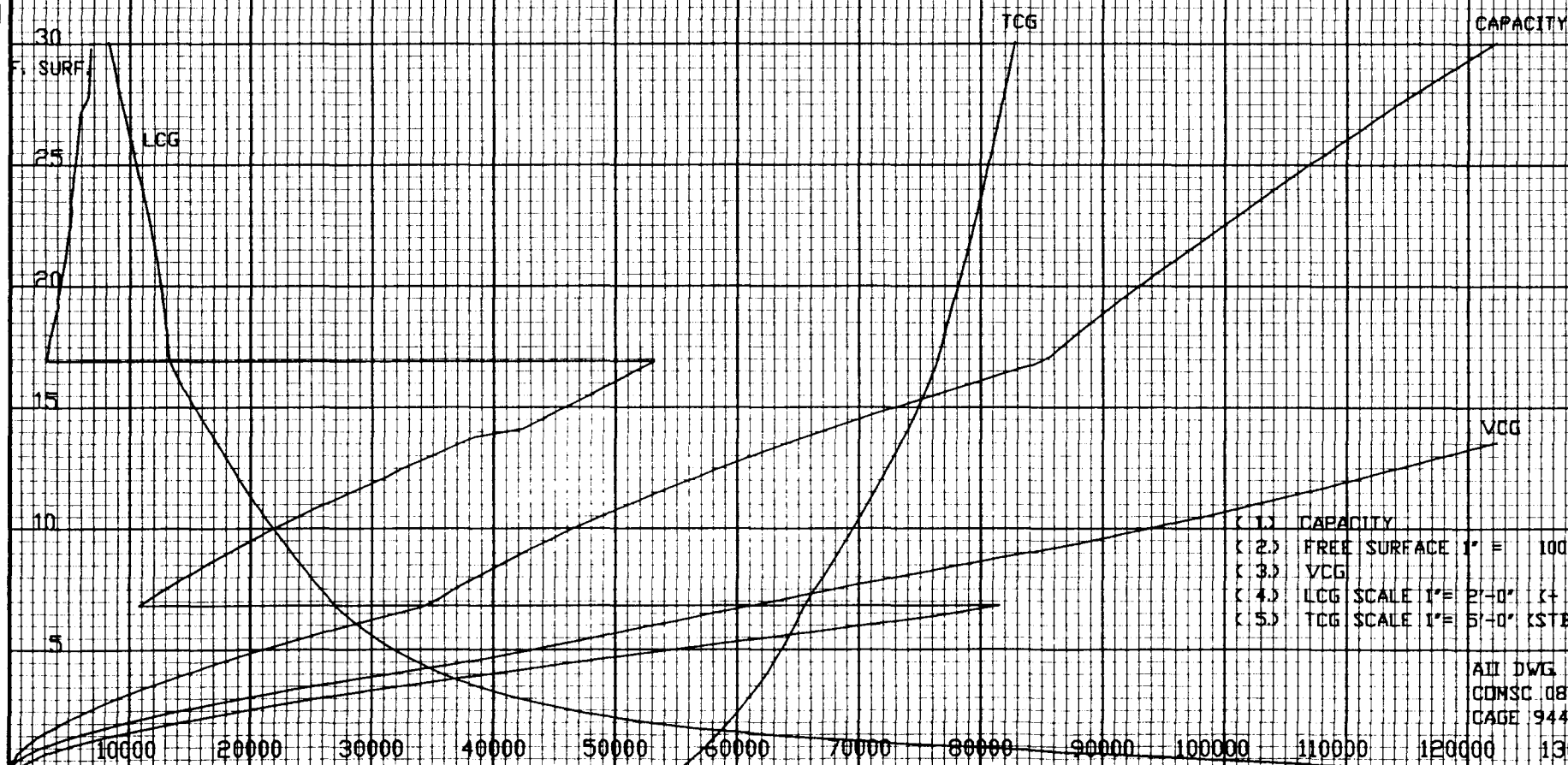
SCALE IN INCHES

FRAMES 50-57 TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	122339.	13.57	341.65	-41.41	MAXIMUM
					816.0

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 340. FT)
- (5) TCG SCALE 1" = 5'-0" (STBD)

AII DWG. NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: NO 3B WING BALLAST TANK P 8-57-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 57-64

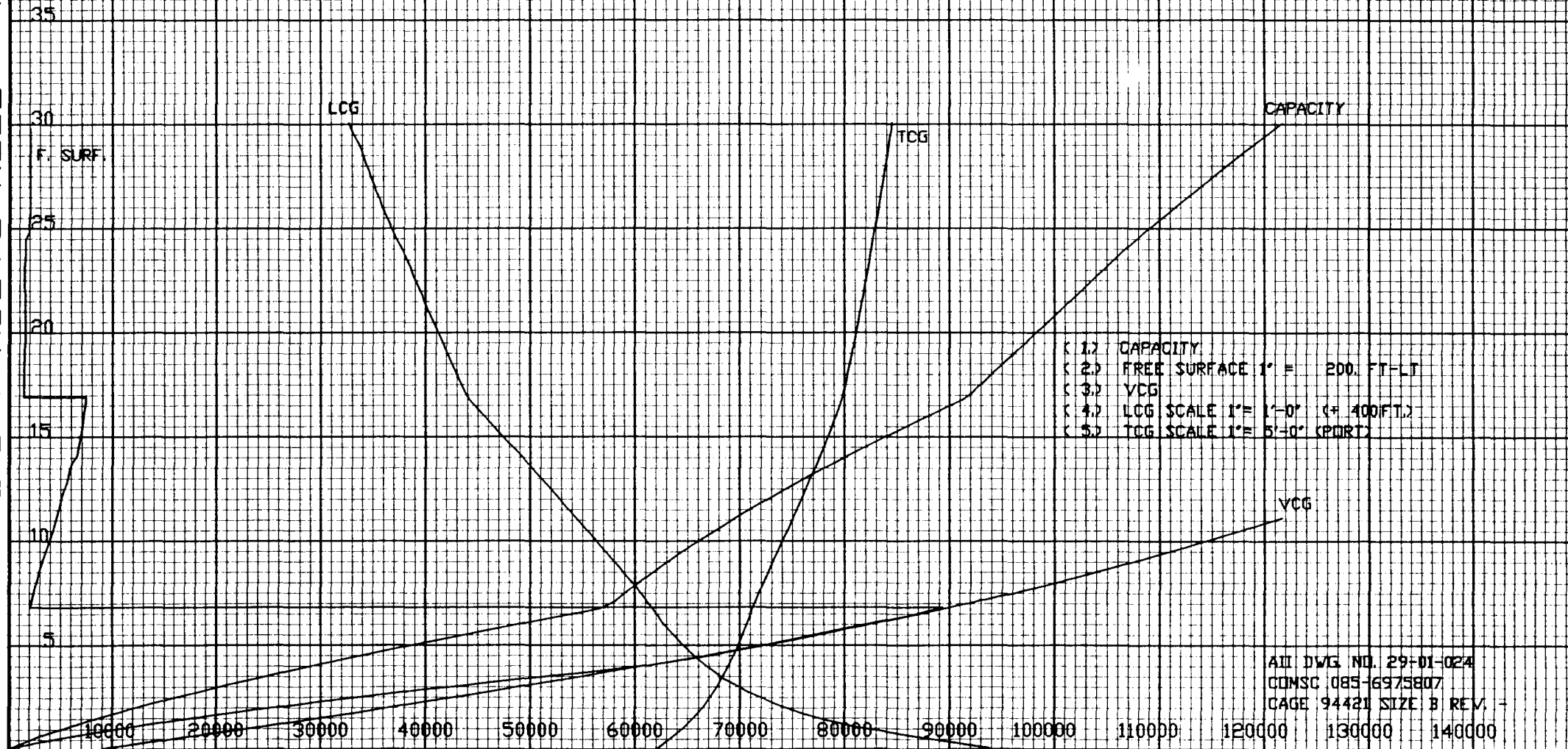
TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.02 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	121702.	11.13	403.27	42.28	MAXIMUM
					1786.4

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 400 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

AII DWG NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: NO 3B WING BALLAST TANK S 8-57-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 57-64

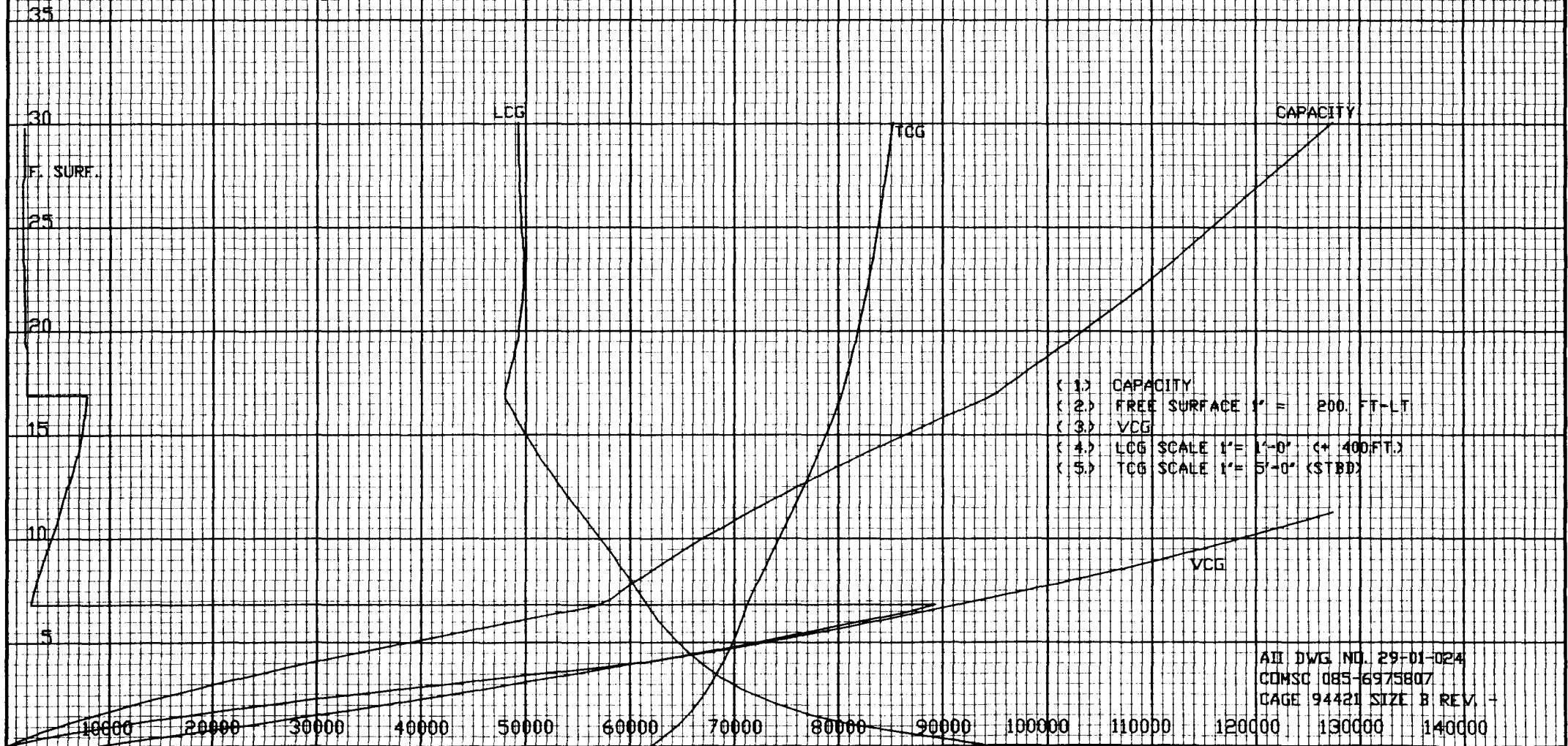
TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	127398.	11.27	404.93	-42.61	MAXIMUM
					1786.4

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



AII DWG NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: NO 3C WING BALLAST TANK P 8-64-4

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 64-71

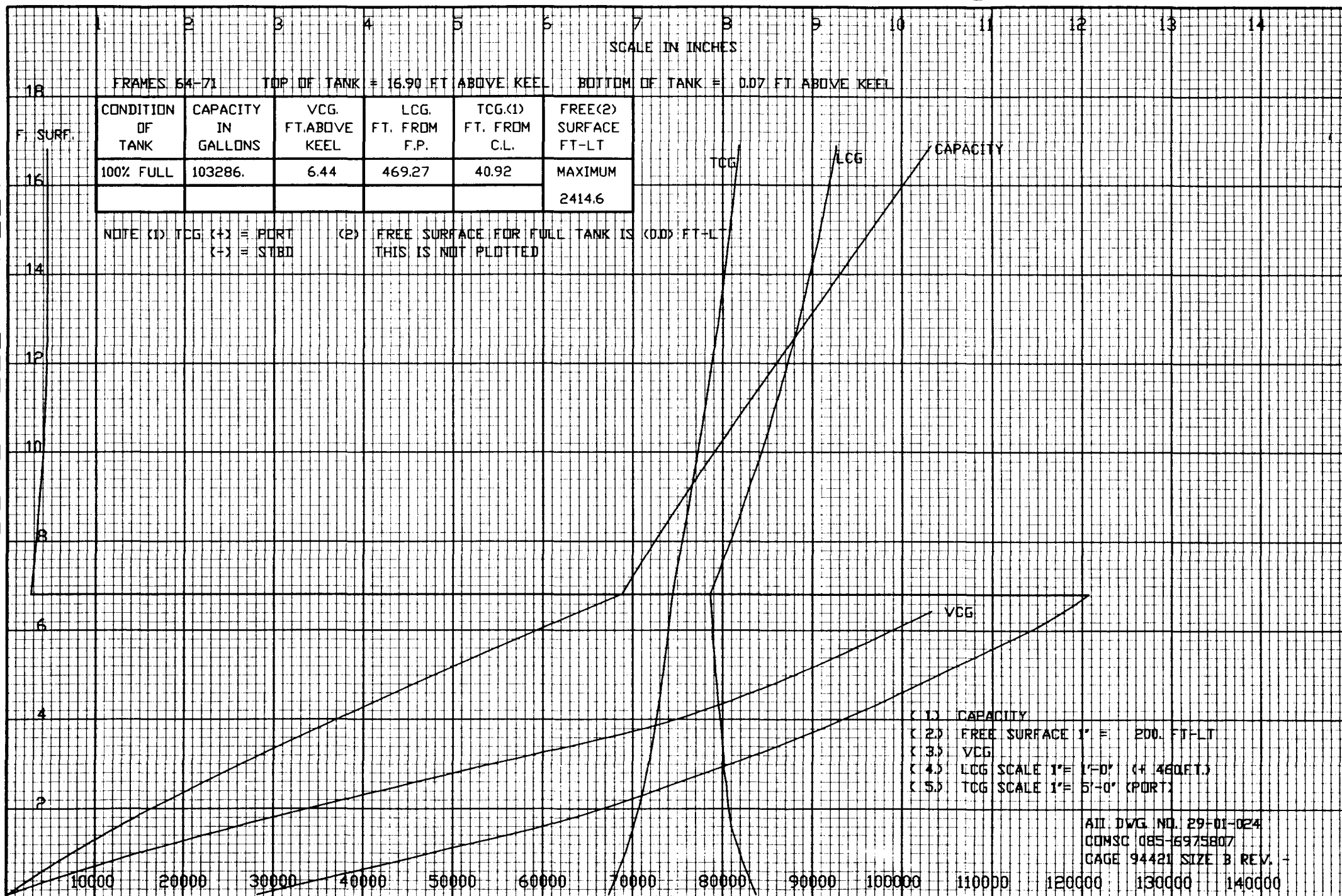
TOP OF TANK = 16.90 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	103286.	6.44	469.27	40.92	MAXIMUM
					2414.6

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

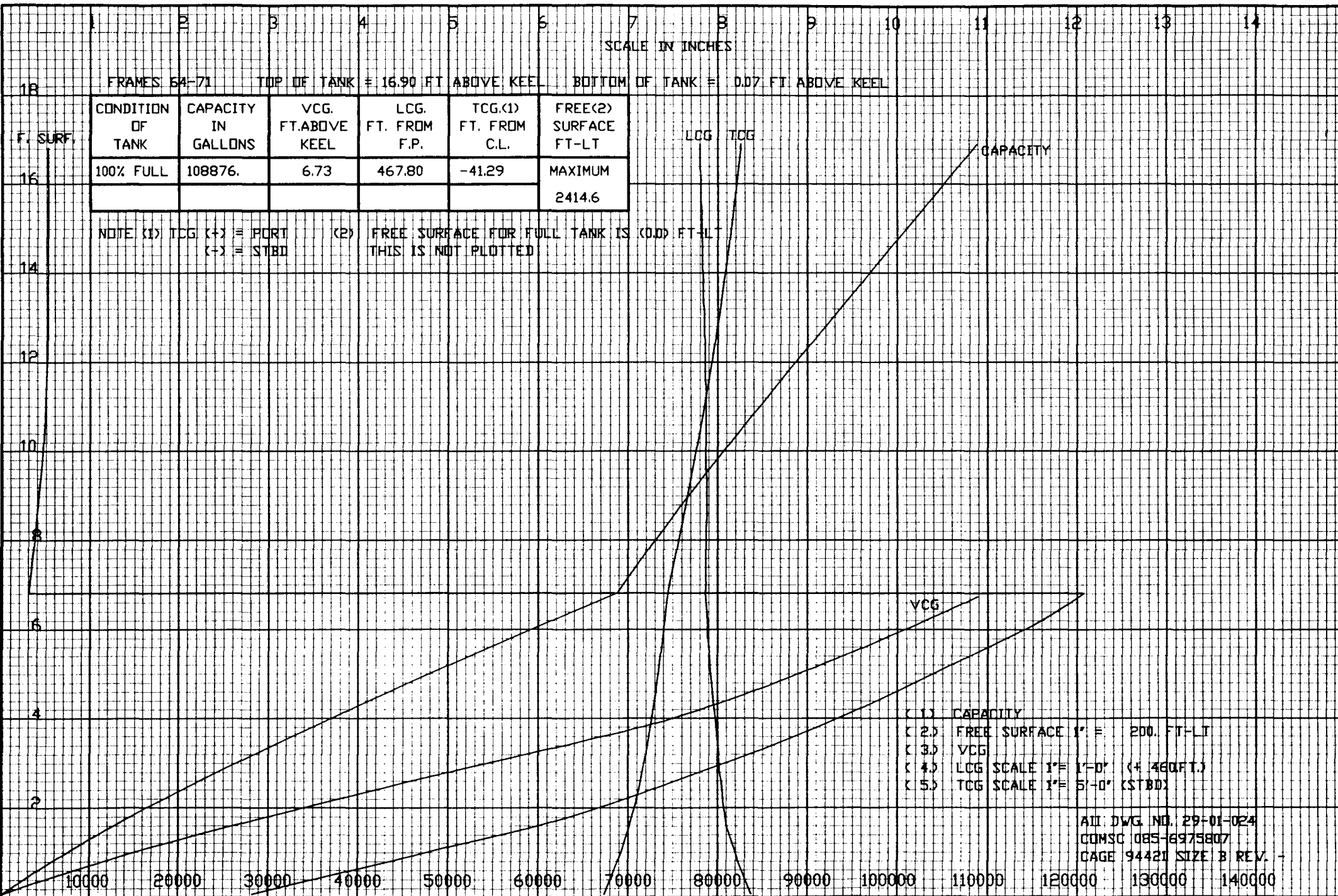


- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (469.27)
- (5) TCG SCALE 1" = 5'-0" (PORT)

AII DWG. NO. 29-01-024
COMSC 085-16975807
PAGE 94421 SIZE B REV. -

TANK: NO 3C WING BALLAST TANK S 8-64-3

HEIGHT ABOVE KEEL - FEET



TANK: NO 4A WING BALLAST TANK P 8-71-4

FRAMES 71-78

TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

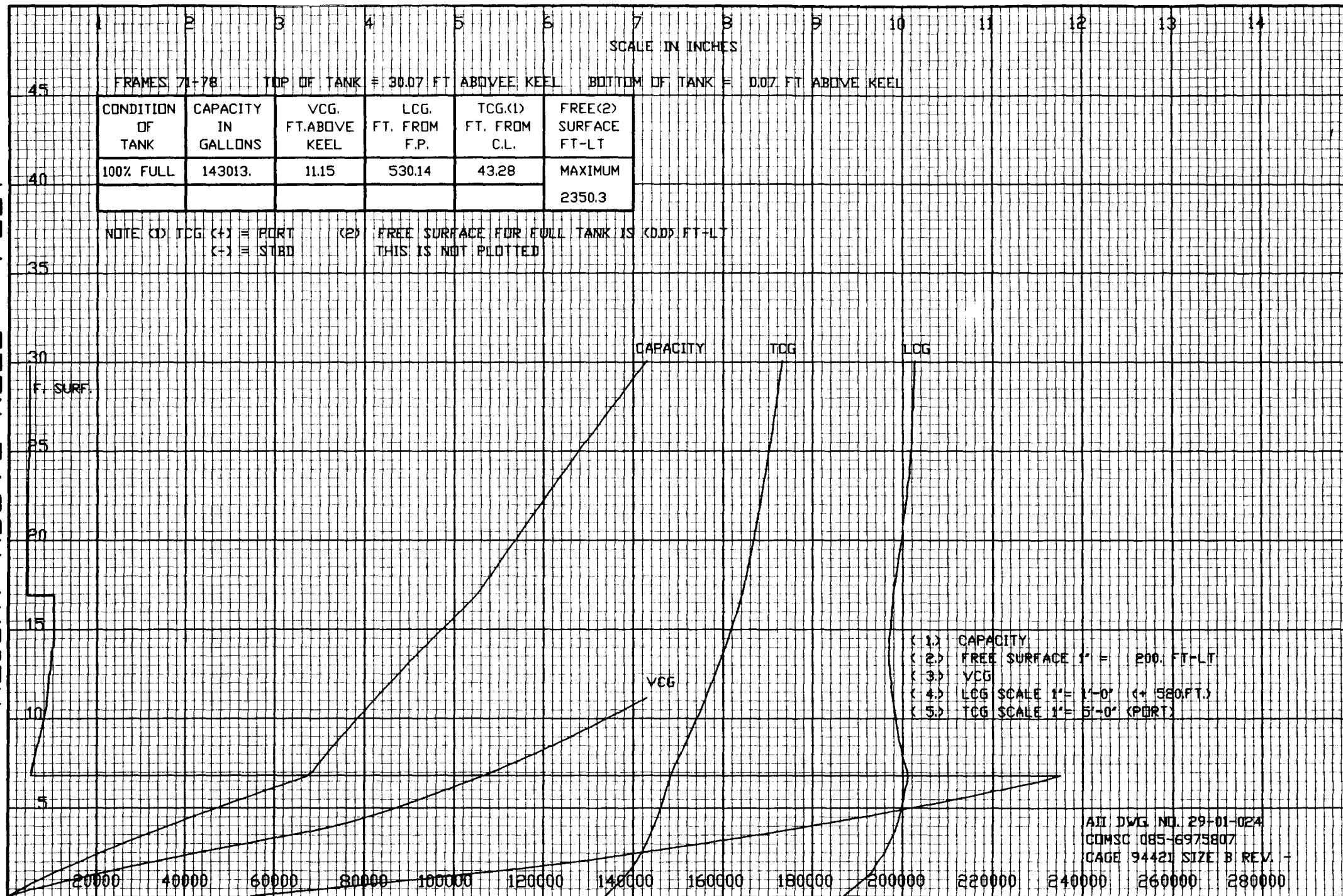
CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	143013.	11.15	530.14	43.28	MAXIMUM
					2350.3

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 580 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: NO 4A WING BALLAST TANK S 8-71-3

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 71-78

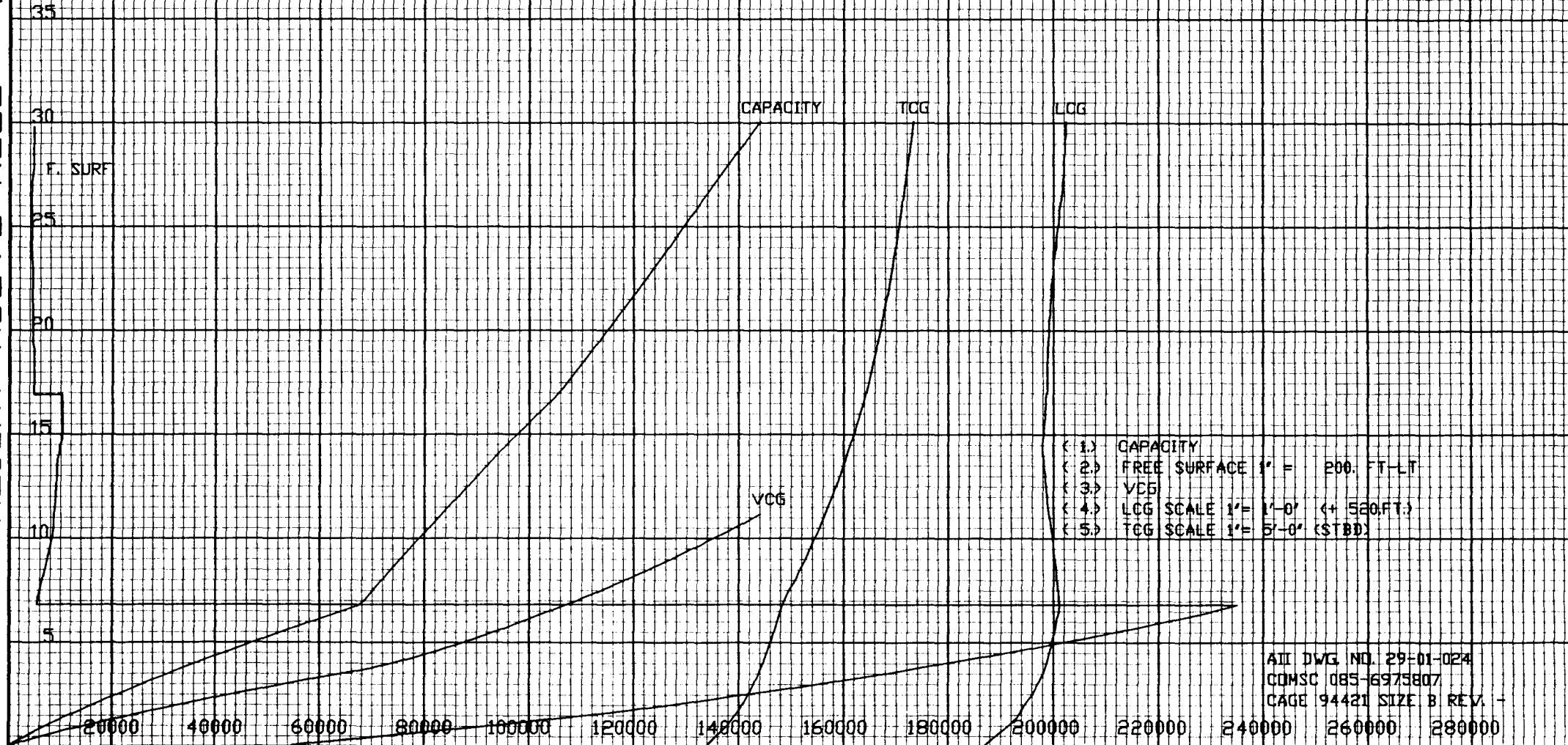
TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	144204	11.15	530.12	-43.33	MAXIMUM
					2350.3

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



AII DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: NO 4B WING BALLAST TANK P 8-78-4

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 78-85

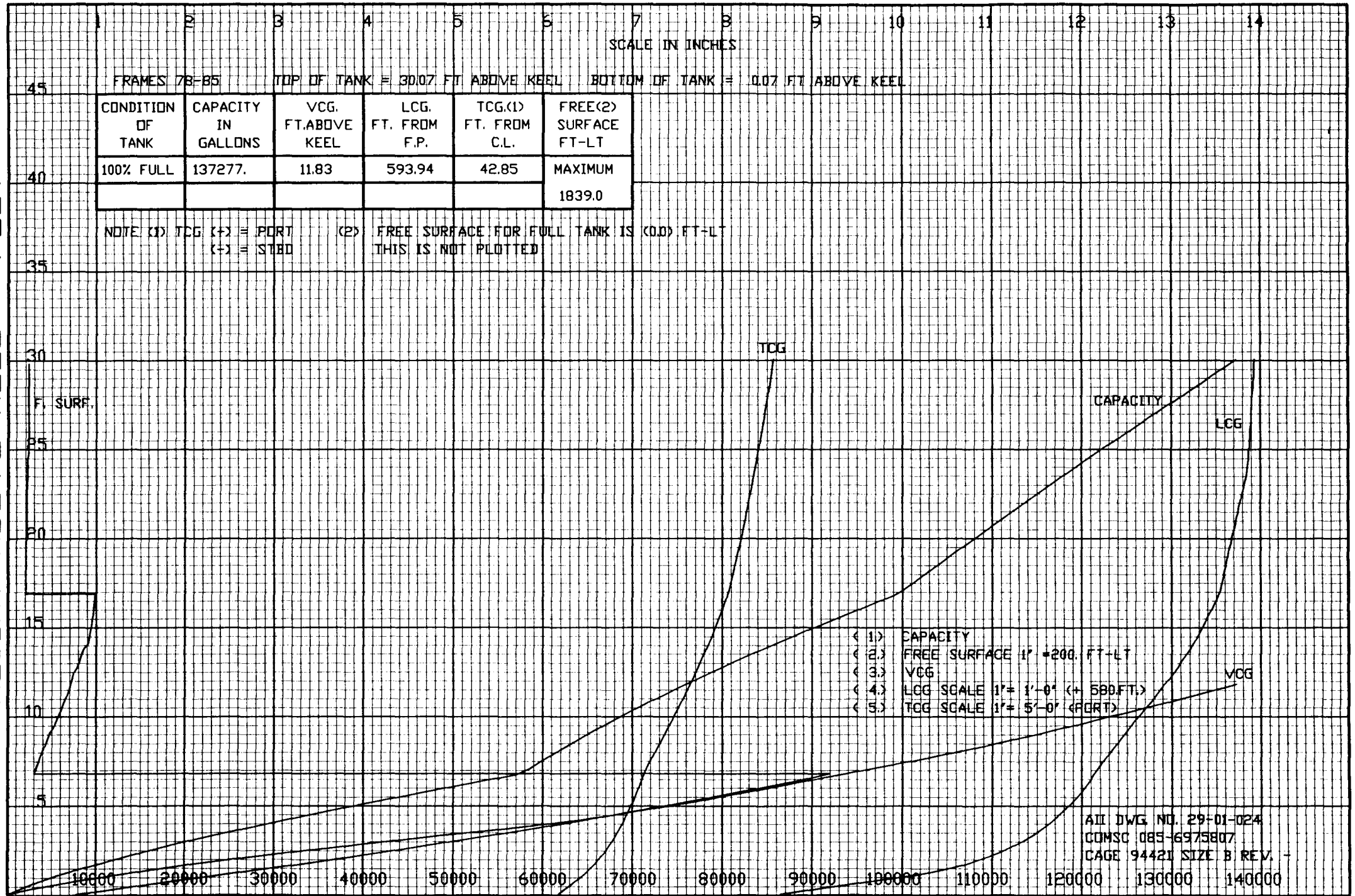
TOP OF TANK = 30.07 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	137277.	11.83	593.94	42.85	MAXIMUM
					1839.0

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



TANK: NO 4B WING BALLAST TANK S 8-78-3

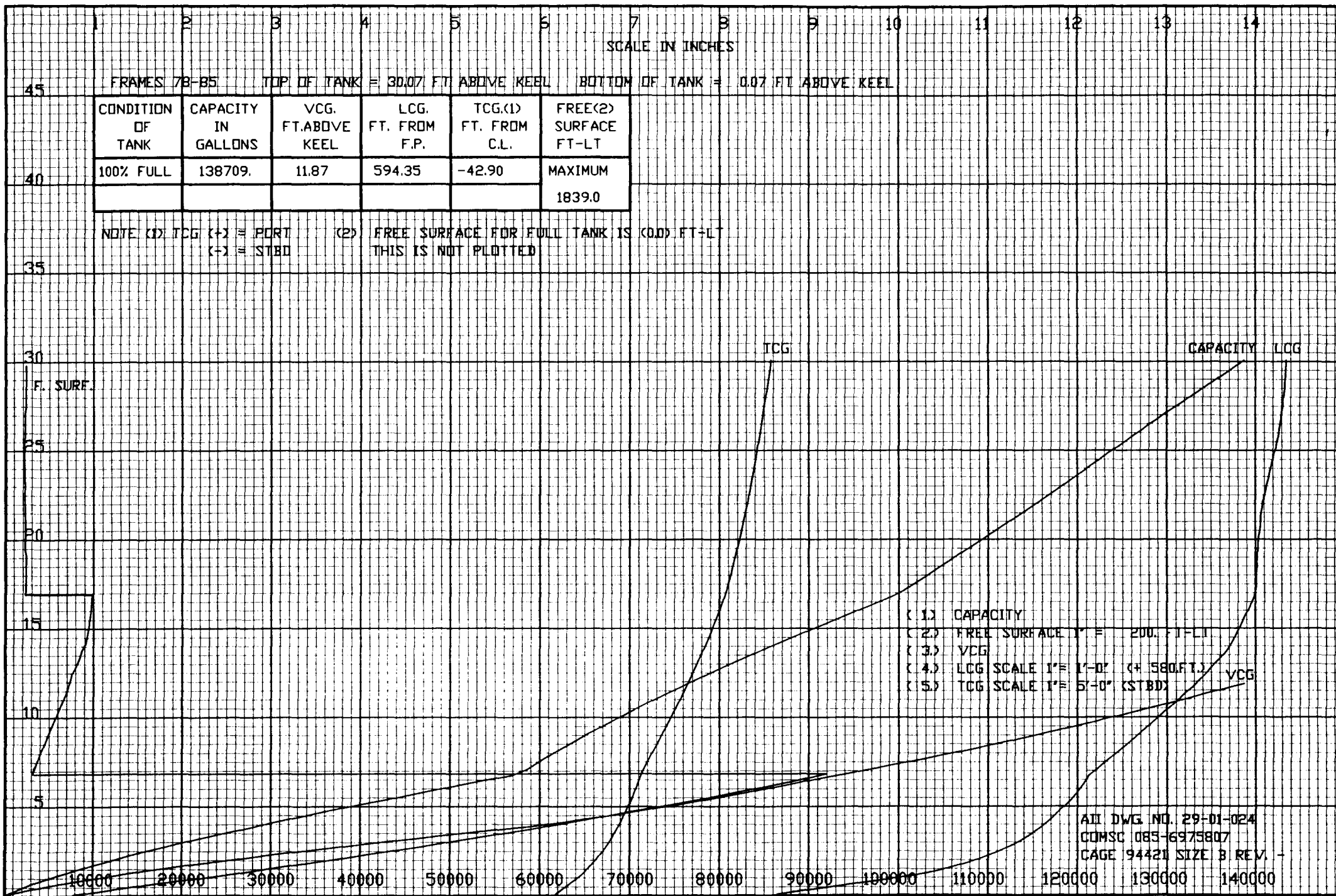
FRAMES 78-85 TOP OF TANK = 30.07 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	138709.	11.87	594.35	-42.90	MAXIMUM
					1839.0

NOTE (1) TCG (+) = PORT
(-) = STBD

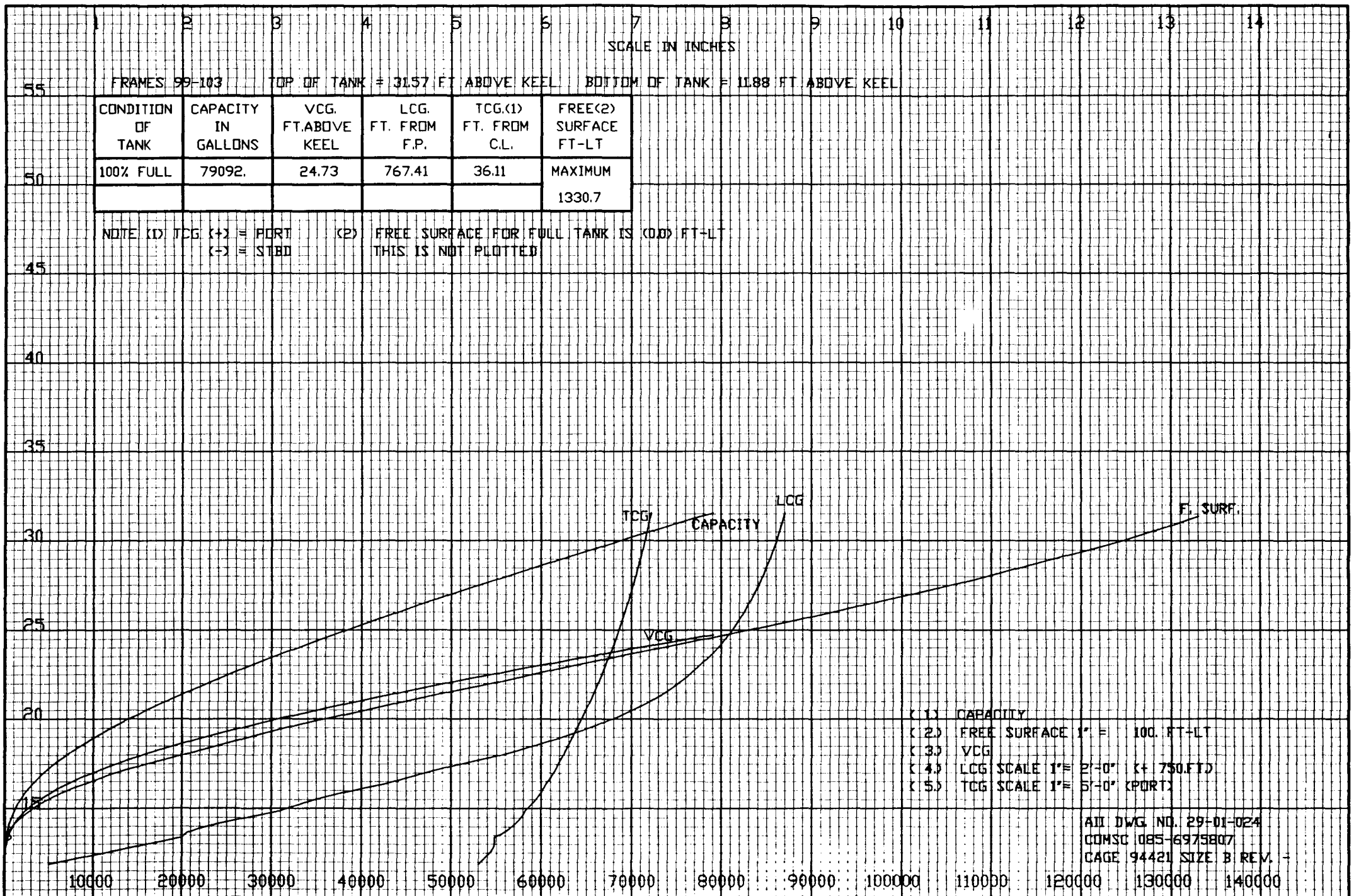
(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET



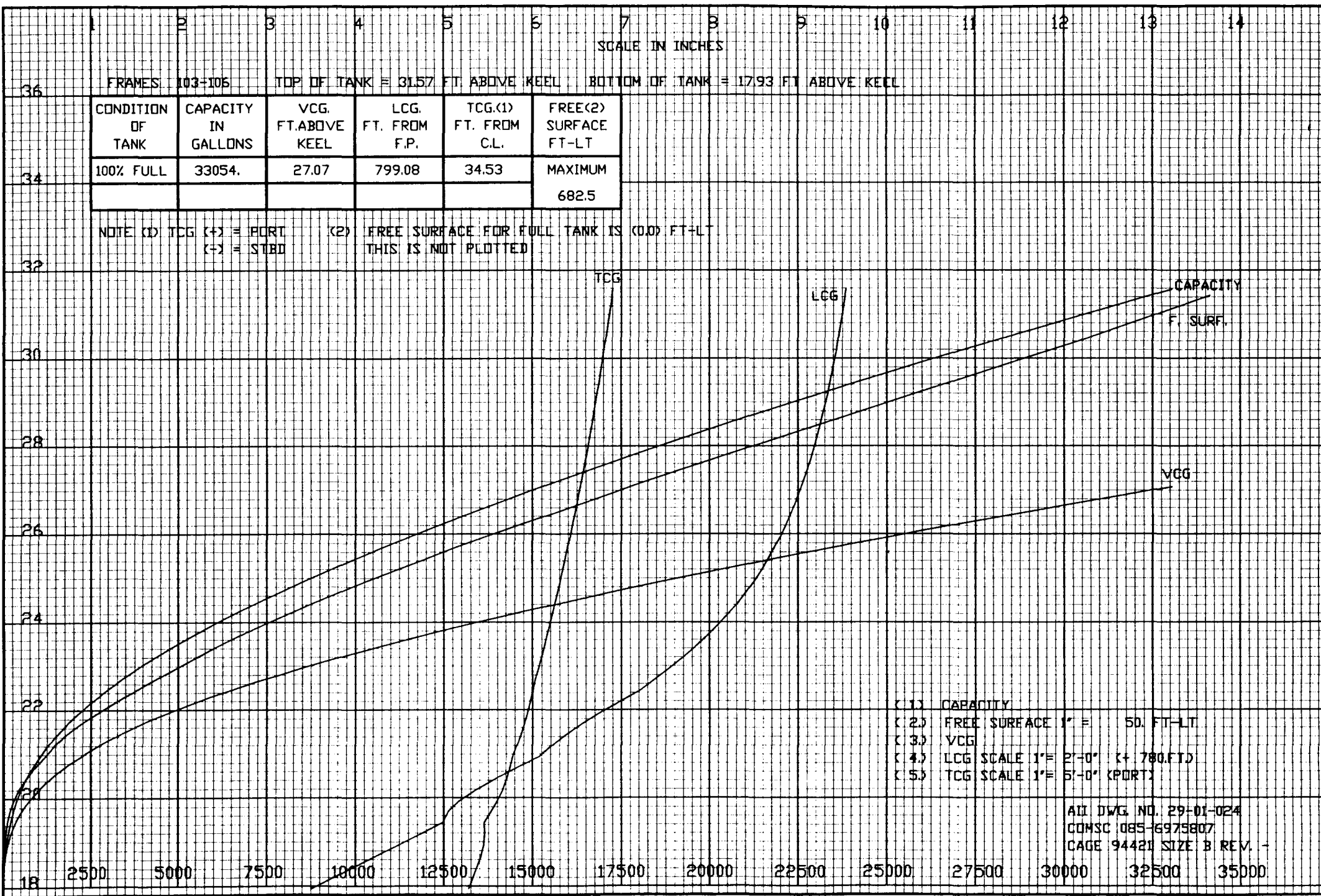
TANK: NO 6A WING BALLAST TANK P OR S 8-99-4/3

HEIGHT ABOVE KEEL - FEET



TANK: NO 6B WING BALLAST TANK P OR S 8-103-4/3

HEIGHT ABOVE KEEL - FEET



TANK: NO 6D SW BALLAST TANK P OR S 8-109-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 109-113

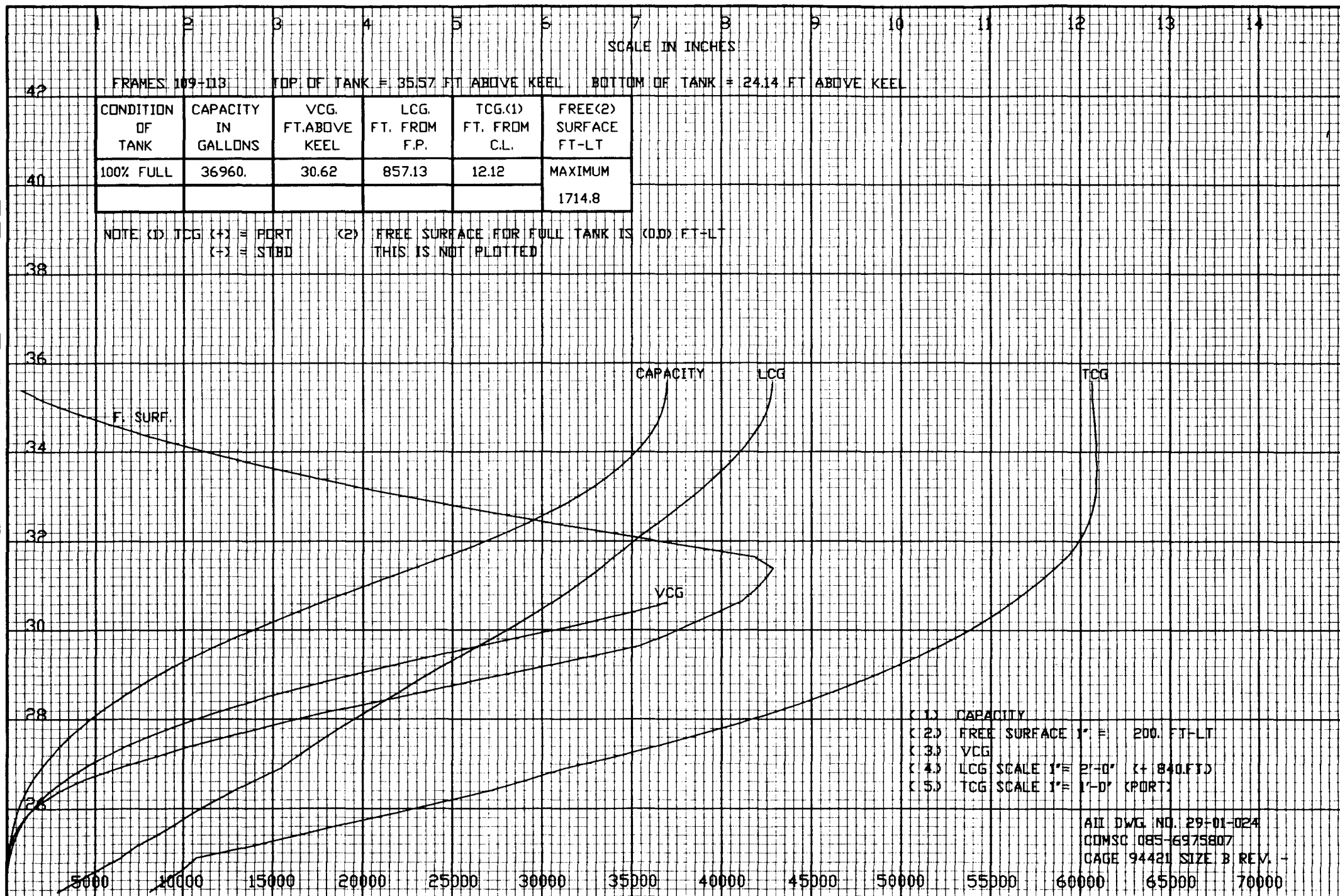
TOP OF TANK = 35.57 FT ABOVE KEEL

BOTTOM OF TANK = 24.14 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	36960.	30.62	857.13	12.12	MAXIMUM
					1714.8

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (00) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 840. FT)
- (5) TCG SCALE 1" = 1'-0" (PORT)

AII DWG. NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: AFT PEAK BALLAST TANK P OR S 8-113-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 113-TRANSOM

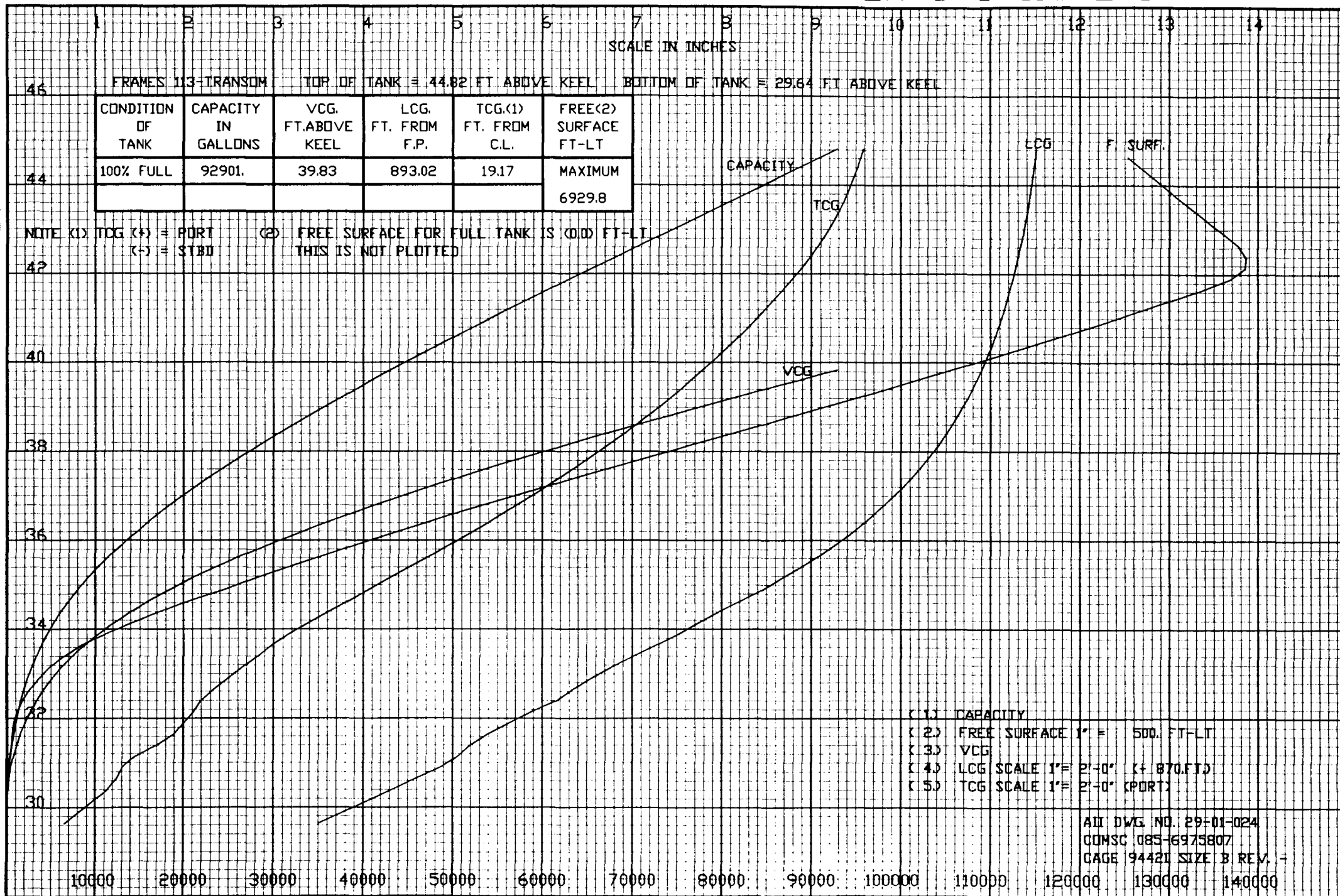
TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 29.64 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	92901.	39.83	893.02	19.17	MAXIMUM
					6929.8

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (000) FT-LT
THIS IS NOT PLOTTED

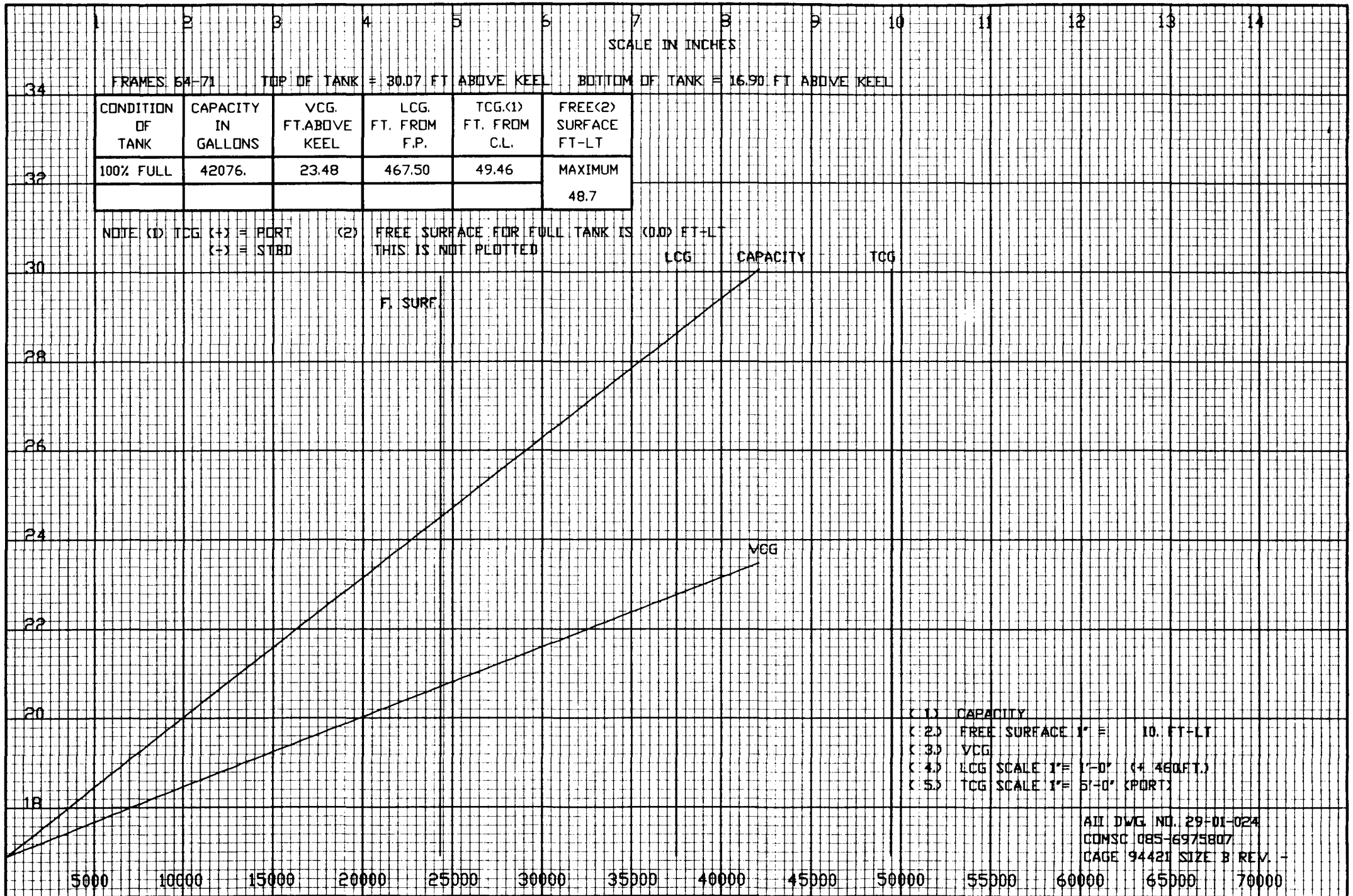


- (1) CAPACITY
- (2) FREE SURFACE 1" = 500. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 870.FT)
- (5) TCG SCALE 1" = 2'-0" (PORT)

ALL DWG. NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. 1

TANK: LIST CONTROL TANK P OR S 6-64-2/1

HEIGHT ABOVE KEEL - FEET



TANK: POTABLE WATER TANK NO 1 5-95-7

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 94-99

TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	12706.	38.90	729.75	-44.26	MAXIMUM
					4.1

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

F. SURF.

TCG

LCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 720 FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

ALL DWG. NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000

TANK: POTABLE WATER TANK NO 2 5-95-9

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 94-99

TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	15827.	38.94	729.07	-48.17	MAXIMUM
					8.1

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

CAPACITY F. SURF. LCG TCG

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 720 FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

ALL DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

2000 4000 6000 8000 10000 12000 14000 16000 18000 20000 22000 24000 26000 28000

CAPACITY IN GALLONS

TANK: RESV FEED WATER TANK 5-91-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 91-92

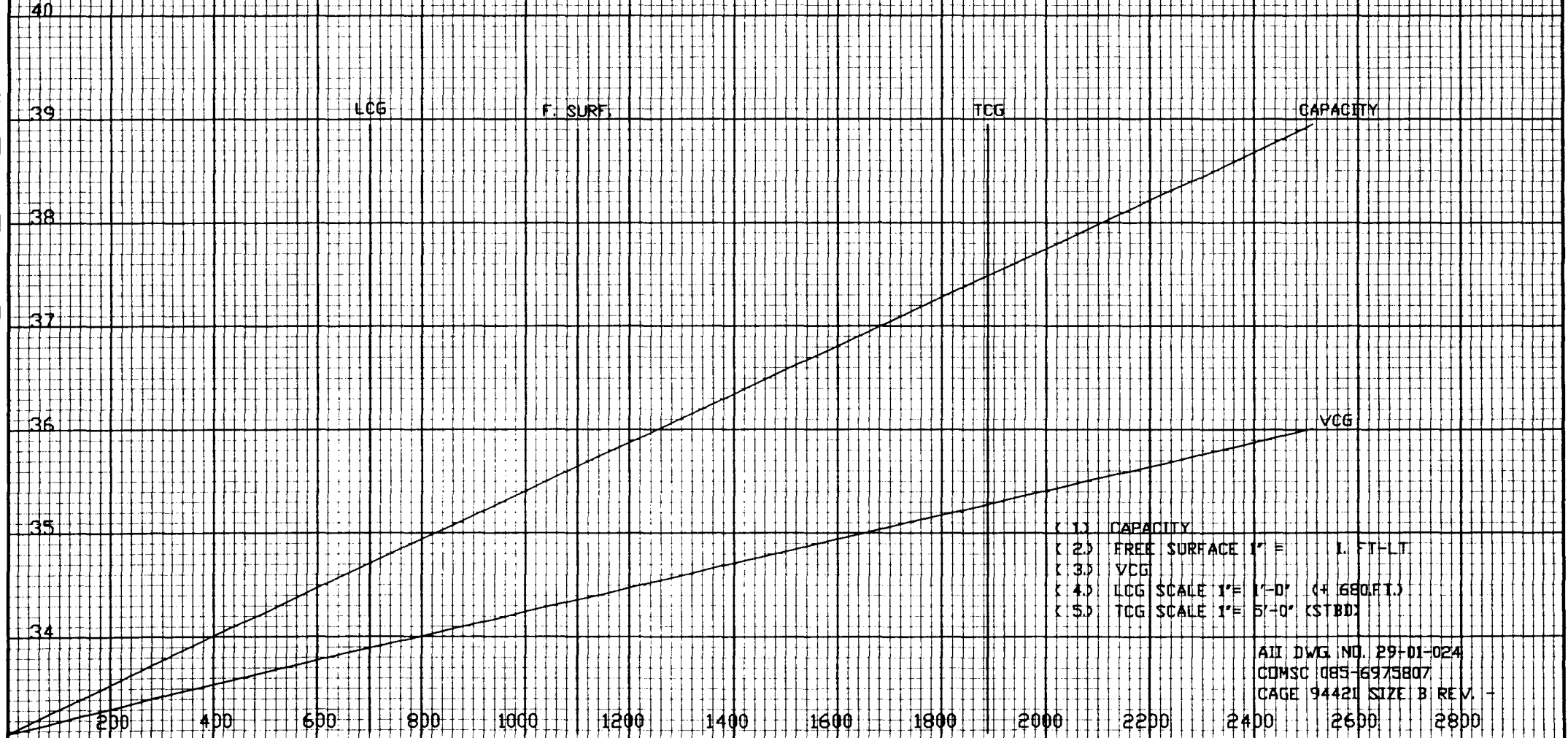
TOP OF TANK = 38.95 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2513.	36.01	683.50	-47.21	MAXIMUM
					5.5

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



ALL DWG. NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: DIST WATER TANK 4.5-91-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 91-92

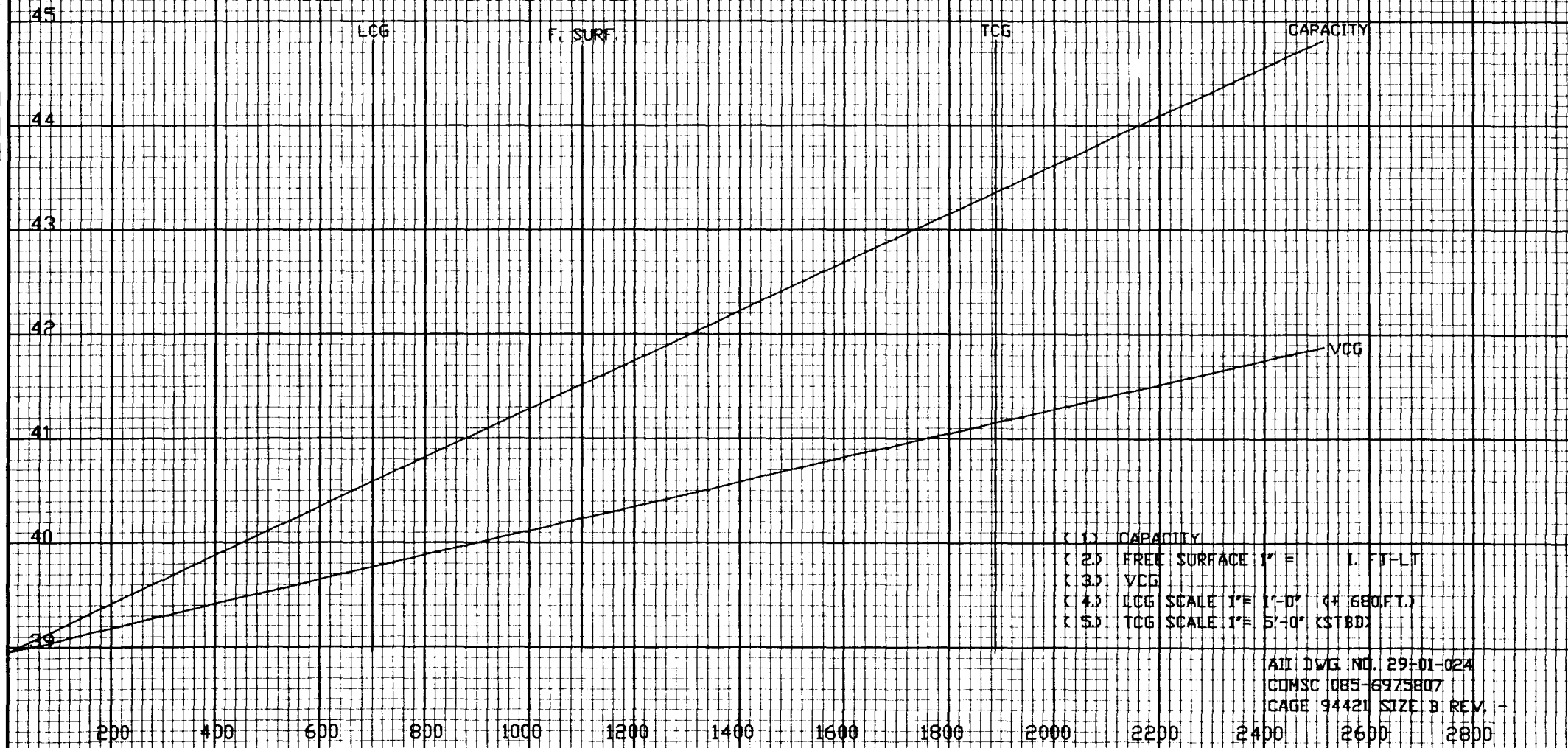
TOP OF TANK = 44.82 FT ABOVE KEEL

BOTTOM OF TANK = 38.95 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2513.	41.88	683.50	-47.21	MAXIMUM
					5.5

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

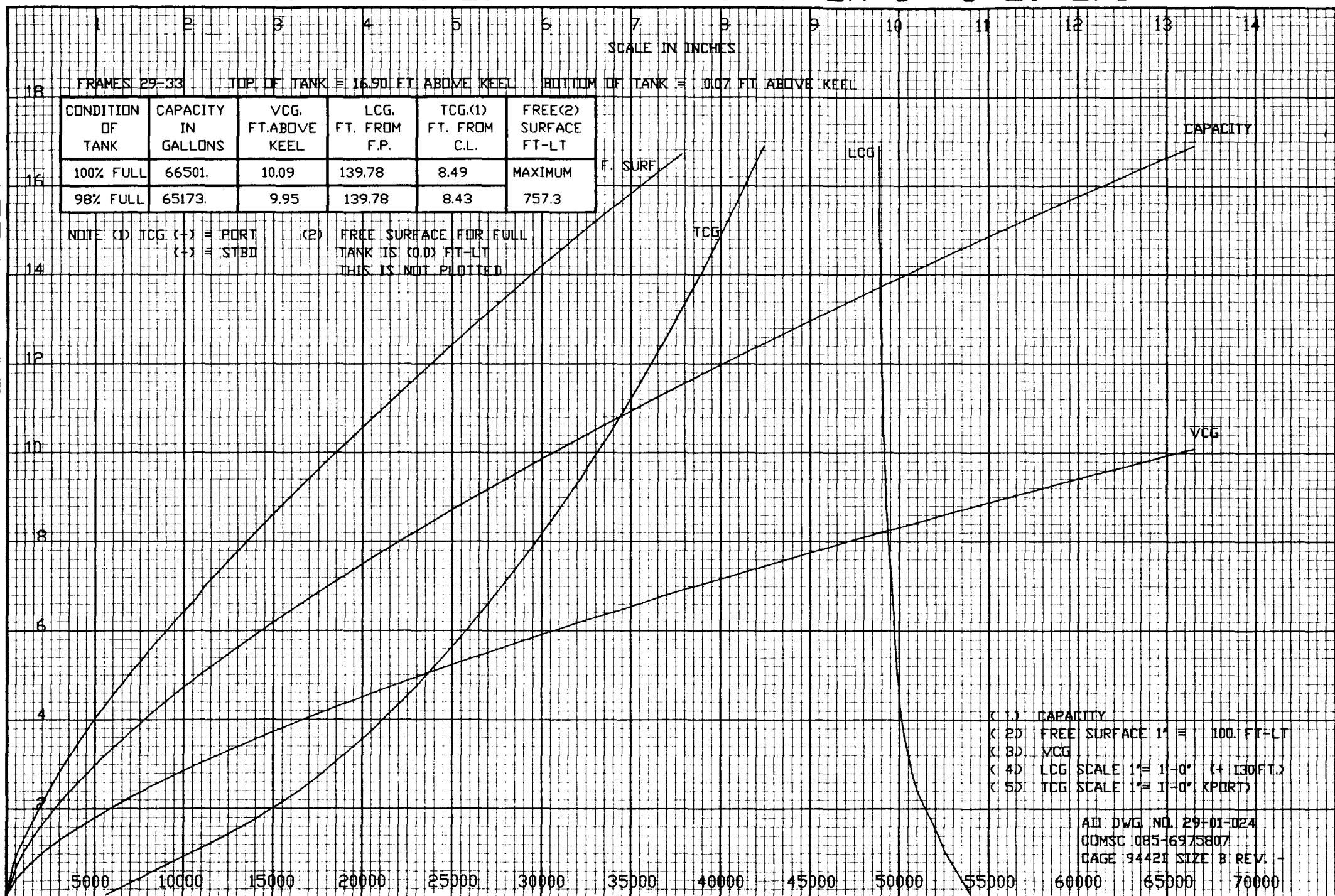


- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 680 FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

AII DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: FUEL OIL TANK NO 1B P OR S 8-29-2/1

HEIGHT ABOVE KEEL - FEET



TANK: FUEL OIL TANK NO 2A P OR S 8-33-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 33-38

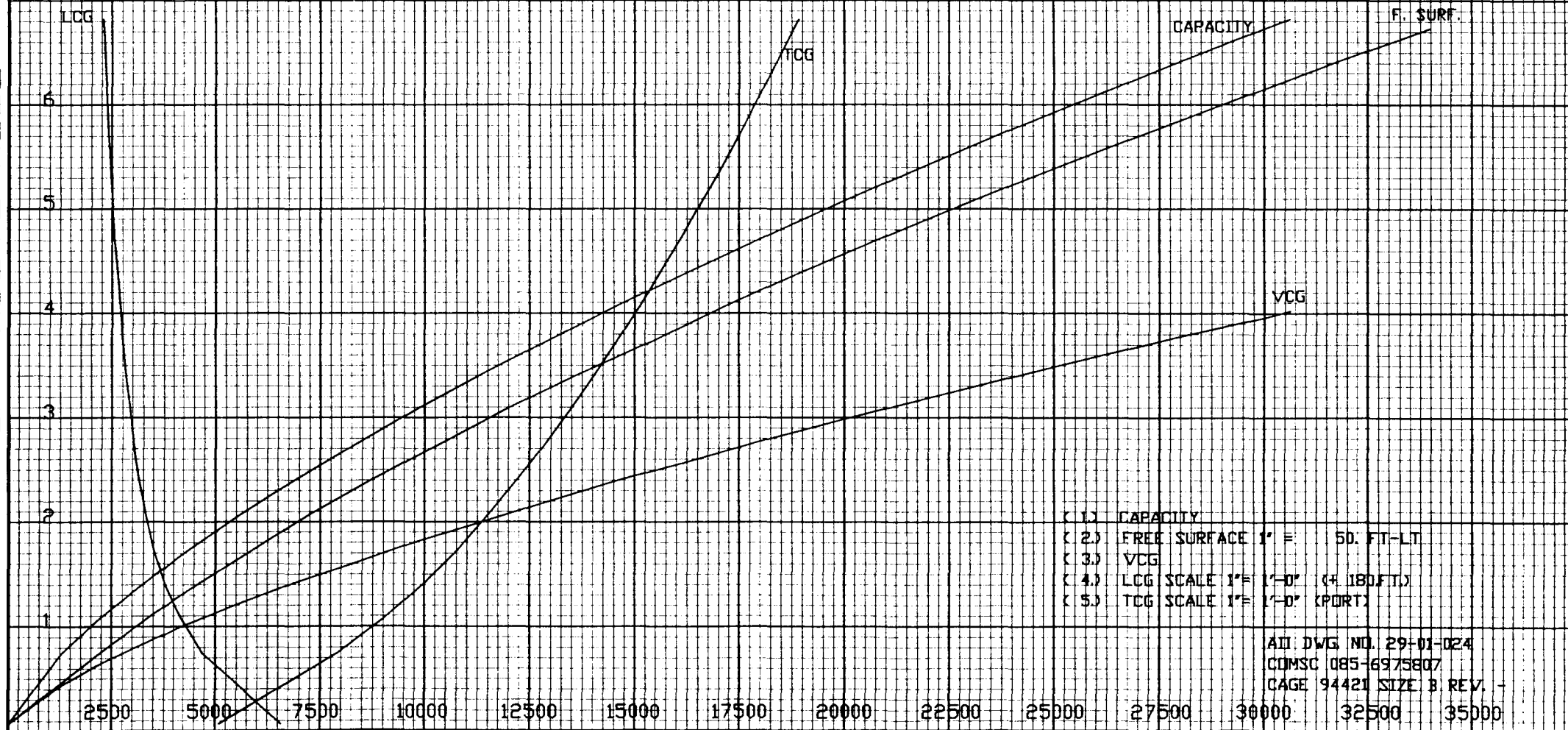
TOP OF TANK = 5.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	30620.	4.02	180.91	7.57	MAXIMUM
98% FULL	30007.	3.96	180.92	7.52	679.7

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 50. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4. 180.91)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ADJ. DWG. NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: FUEL OIL TANK NO 2B P OR S 8-38-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 38-44

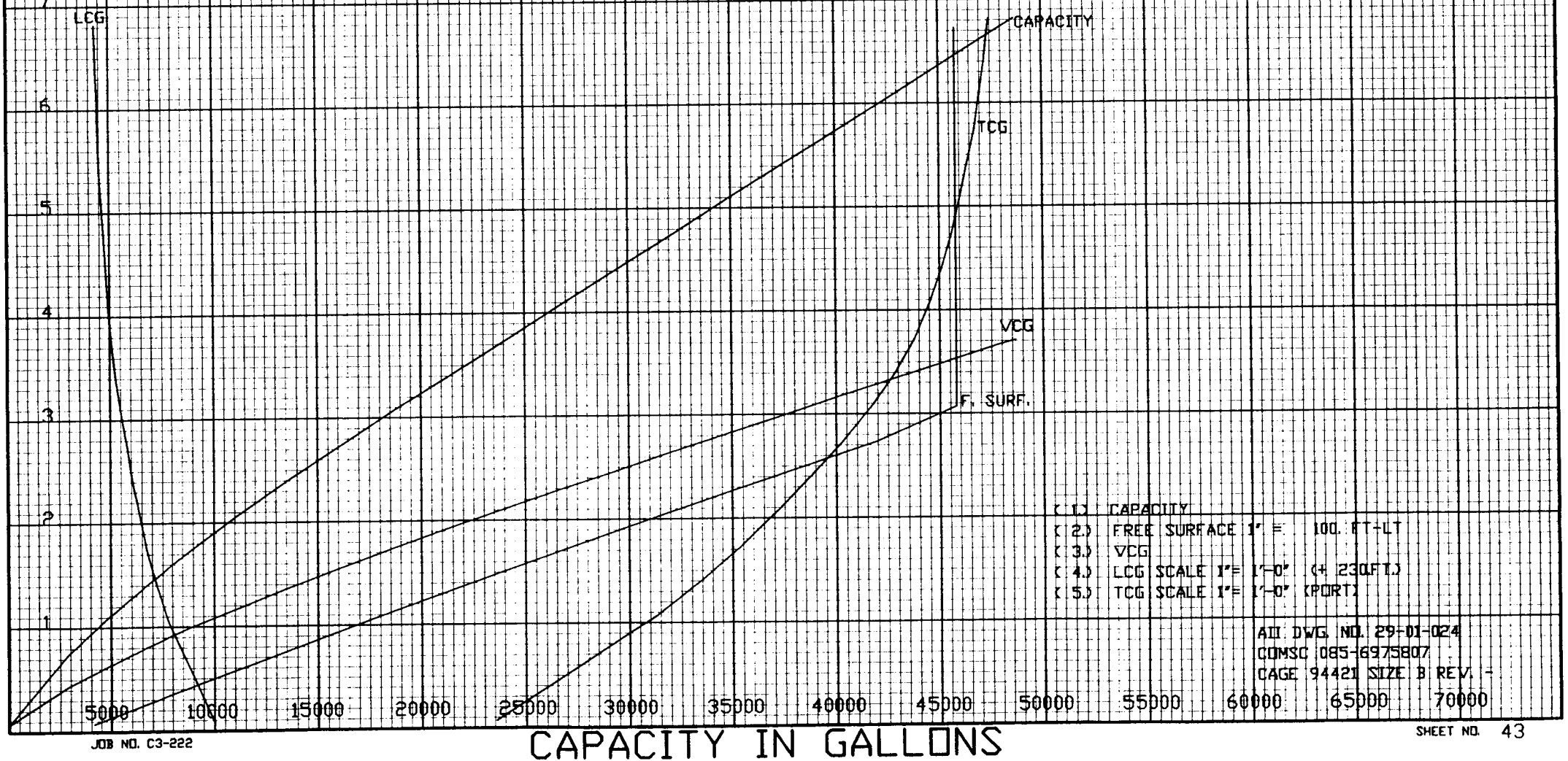
TOP OF TANK = 5.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	48679.	3.71	230.86	9.49	MAXIMUM
98% FULL	47705.	3.65	230.86	9.48	915.9

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 230FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: FUEL OIL TANK NO 2C P OR S 8-44-2/1

HEIGHT ABOVE KEEL - FEET

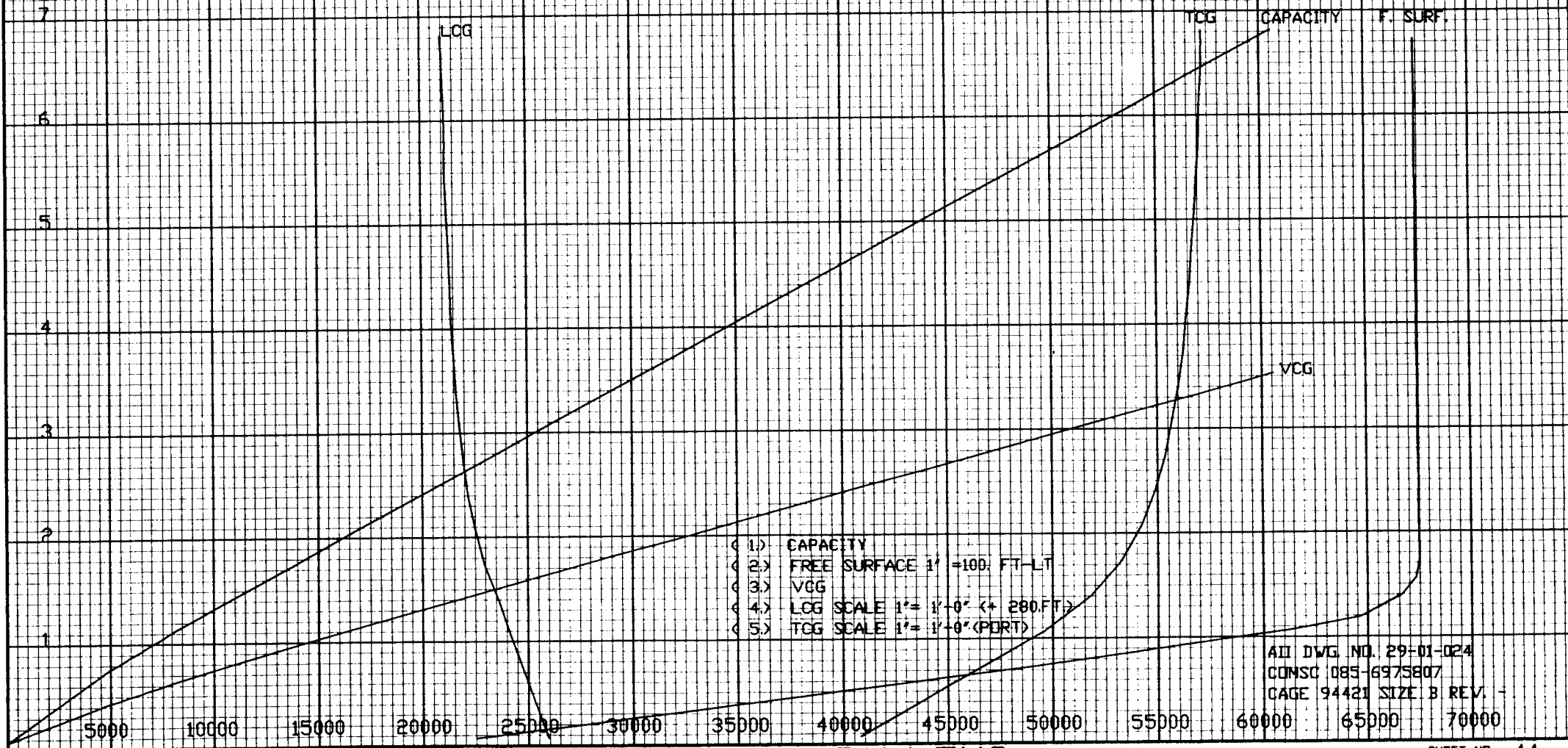
SCALE IN INCHES

FRAMES 44-50 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	60550.	3.53	284.20	11.45	MAXIMUM
98% FULL	59337.	3.46	284.21	11.45	1349.7

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



ALL DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: FUEL OIL TANK NO 3A P OR S 8-50-2/1

SCALE IN INCHES

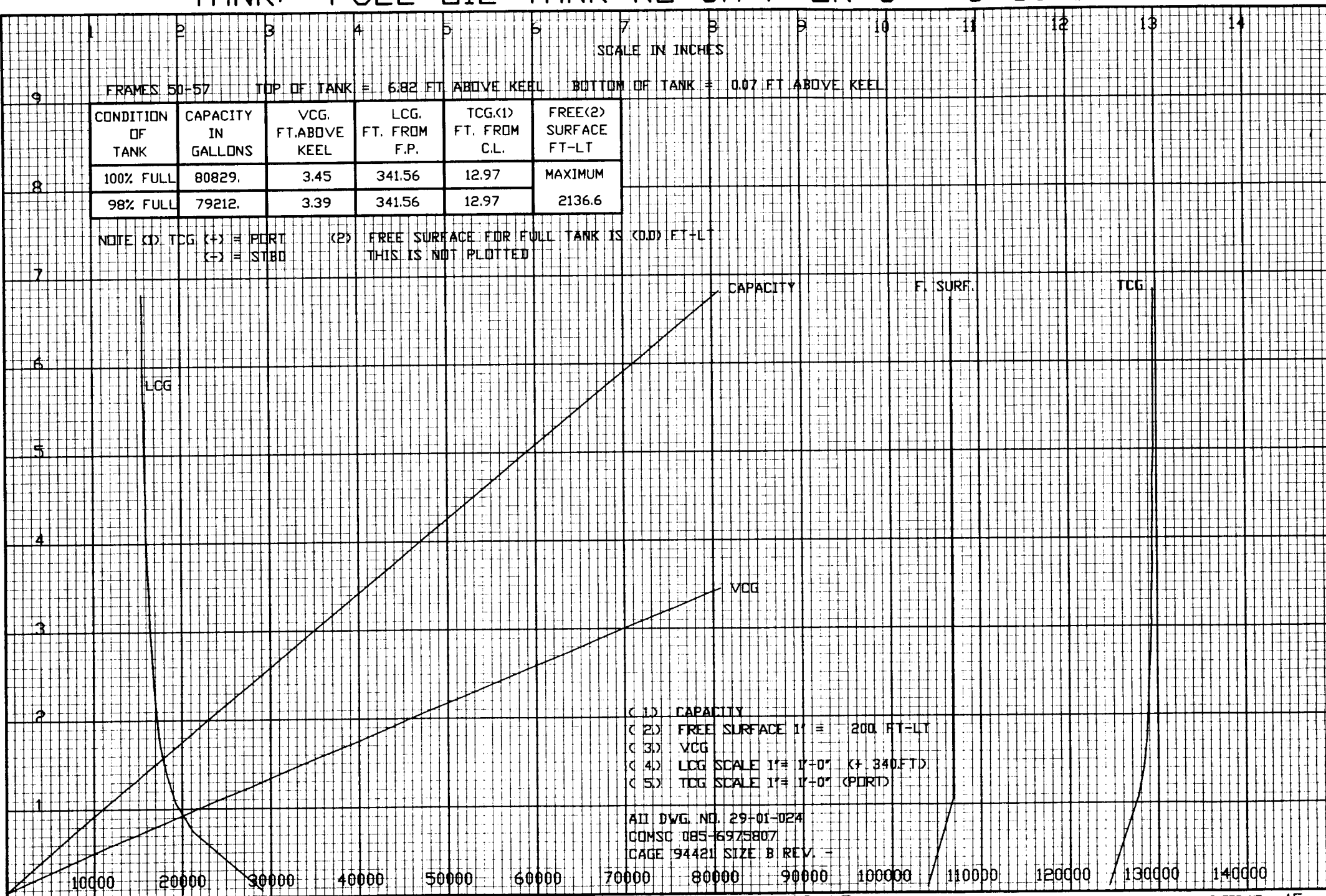
FRAMES 50-57 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	80829.	3.45	341.56	12.97	MAXIMUM
98% FULL	79212.	3.39	341.56	12.97	2136.6

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 340 FT)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. =

TANK: FUEL OIL TANK NO 3C P OR S 8-64-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 64-71

TOP OF TANK = 6.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	81063.	3.45	467.50	13.00	MAXIMUM
98% FULL	79442.	3.38	467.50	13.00	2136.6

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

LCG

CAPACITY

F. SURF.

TCG

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 200 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (K= 460 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ADD DWG. NO. 29-01-024
CONSC 085-6975807
PAGE 94421 SIZE B REV. -

10000 20000 30000 40000 50000 60000 70000 80000 90000 100000 110000 120000 130000 140000

CAPACITY IN GALLONS

TANK: FUEL OIL TANK NO 4A P OR S 8-71-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 71-78

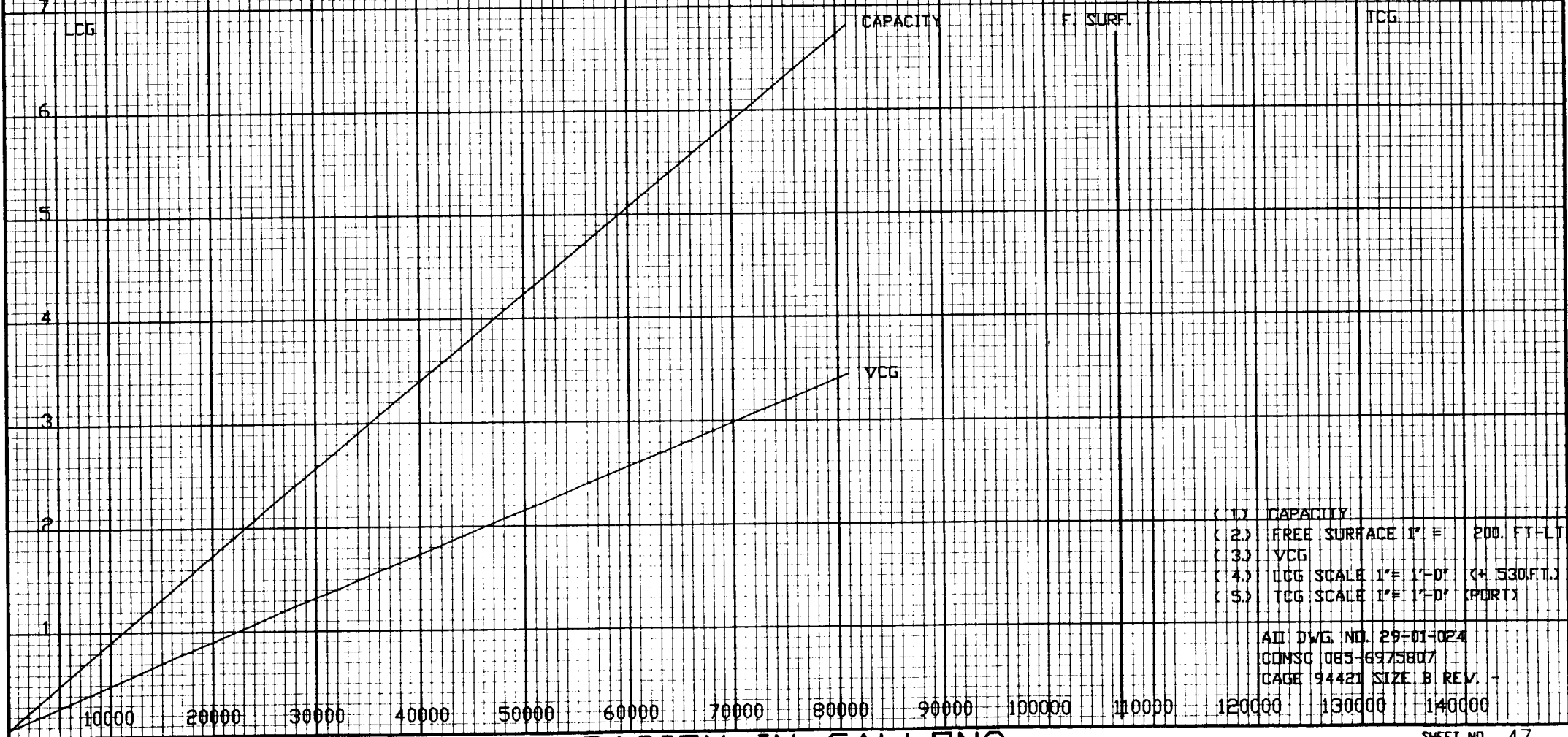
TOP OF TANK = 6.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	81063.	3.45	530.50	13.00	MAXIMUM
98% FULL	79442.	3.38	530.50	13.00	2136.6

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 200. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 530. FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

AD DWG. NO. 29-01-024
CONSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: FUEL OIL TANK NO 4B P OR S 8-78-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 78-85

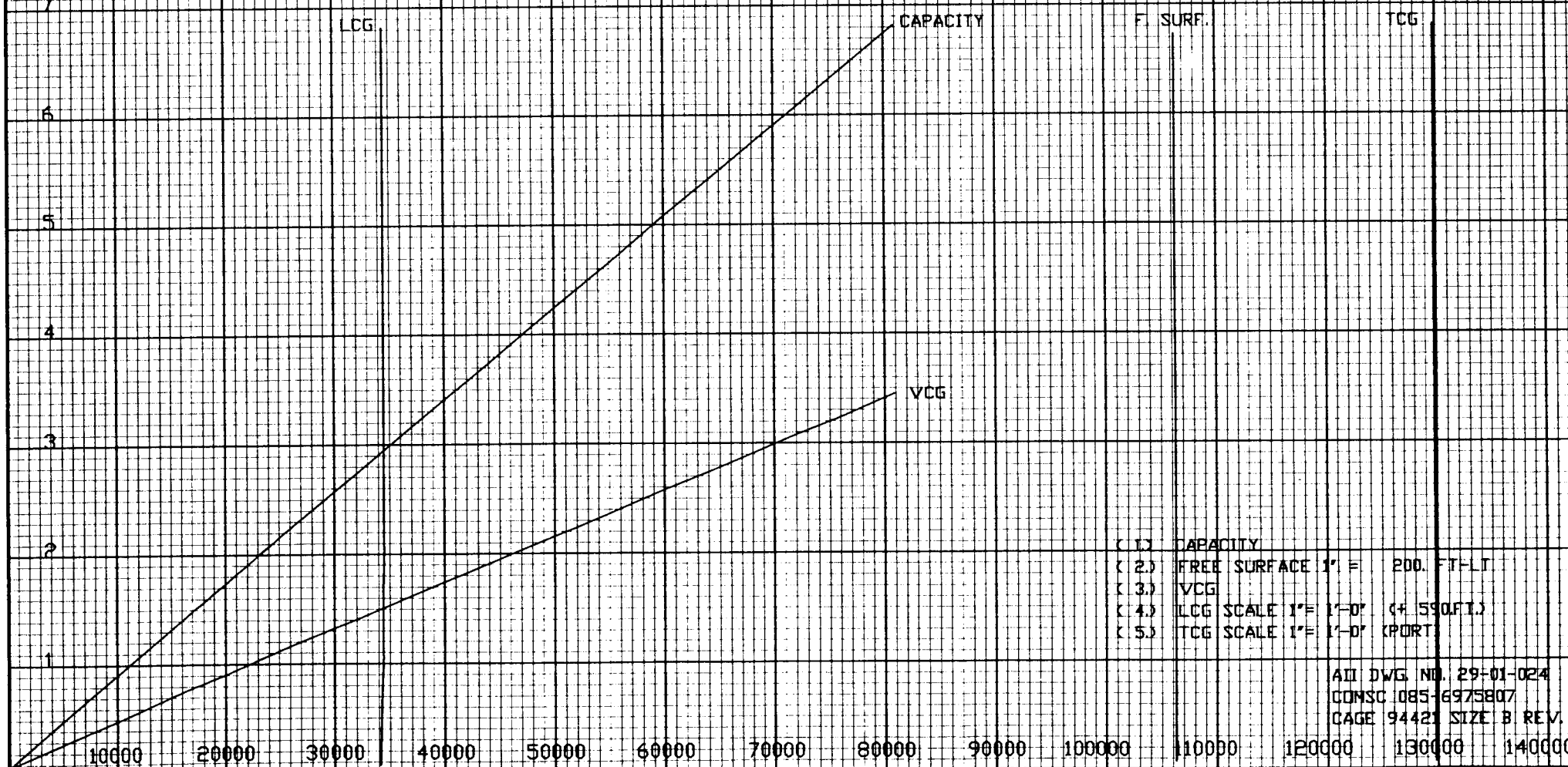
TOP OF TANK = 6.82 FT ABOVE KEEL

BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	80921.	3.45	593.45	12.98	MAXIMUM
98% FULL	79303.	3.38	593.45	12.98	2126.2

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



ADJ DWG NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: FUEL OIL TANK NO 6A P OR S 8-99-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 99-103

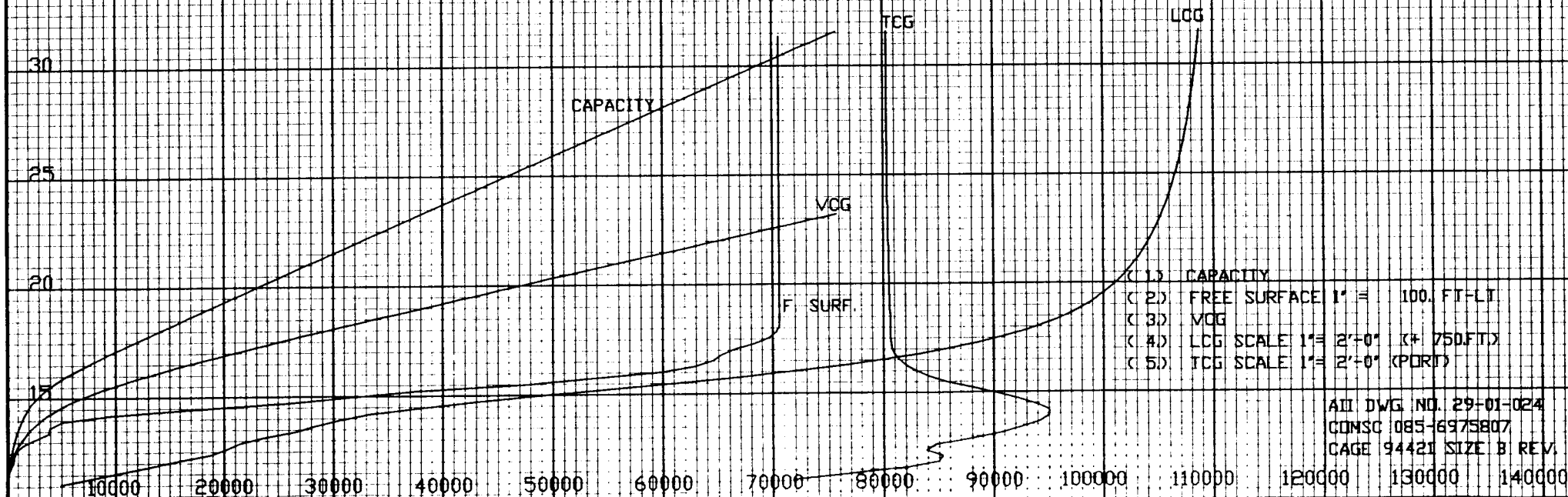
TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 11.05 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	75747.	23.19	771.75	16.07	MAXIMUM 705.8
98% FULL	74232.	23.02	771.74	16.07	

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



ALL DWG. NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: FUEL OIL TANK NO 6B P OR S 8-103-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 103-106

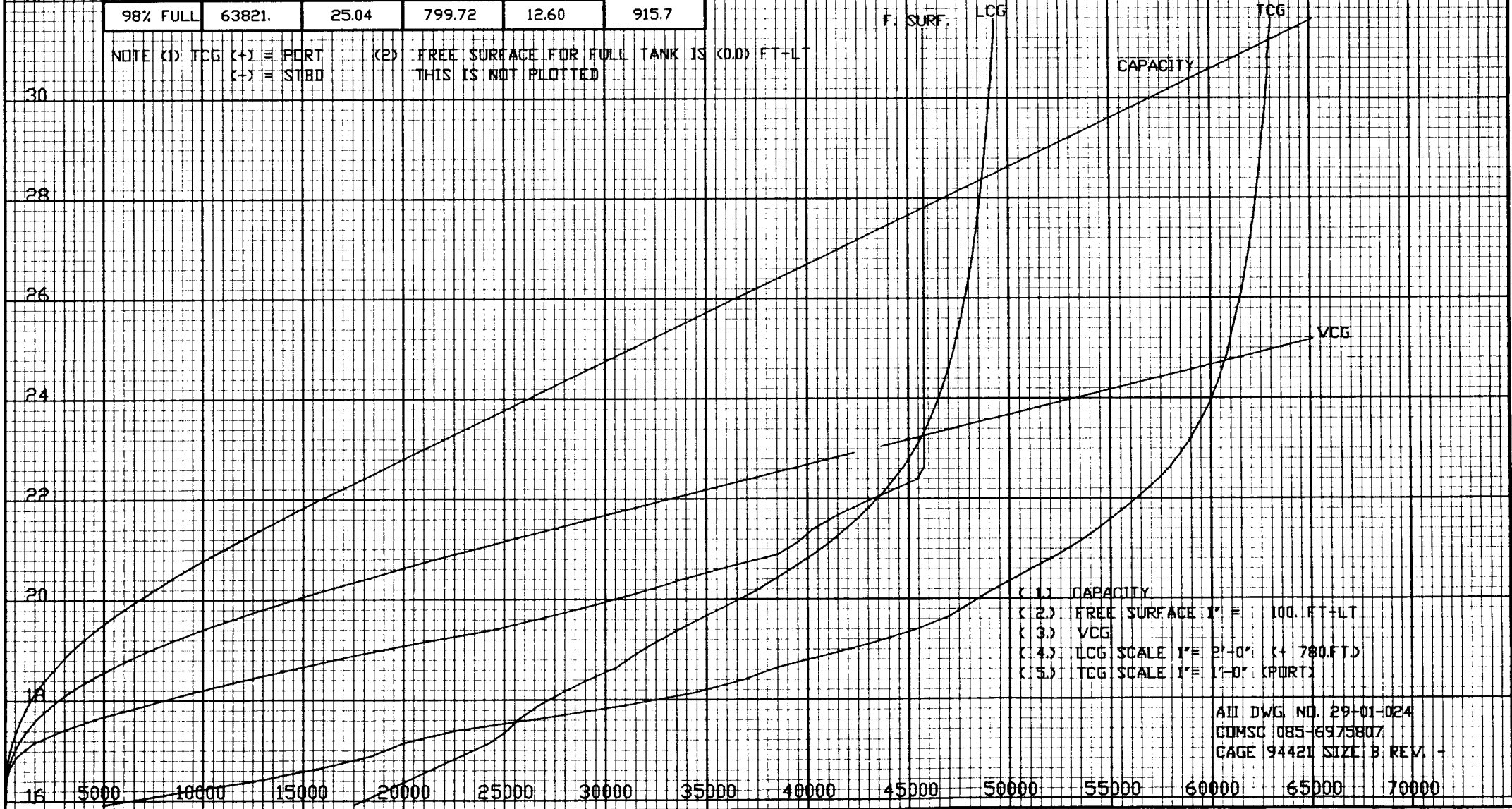
TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 15.89 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	65123.	25.17	799.73	12.61	MAXIMUM
98% FULL	63821.	25.04	799.72	12.60	915.7

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 100. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 780. FT)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: FUEL OIL TANK NO 6C P OR S 8-106-2/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES:

FRAMES 106-109

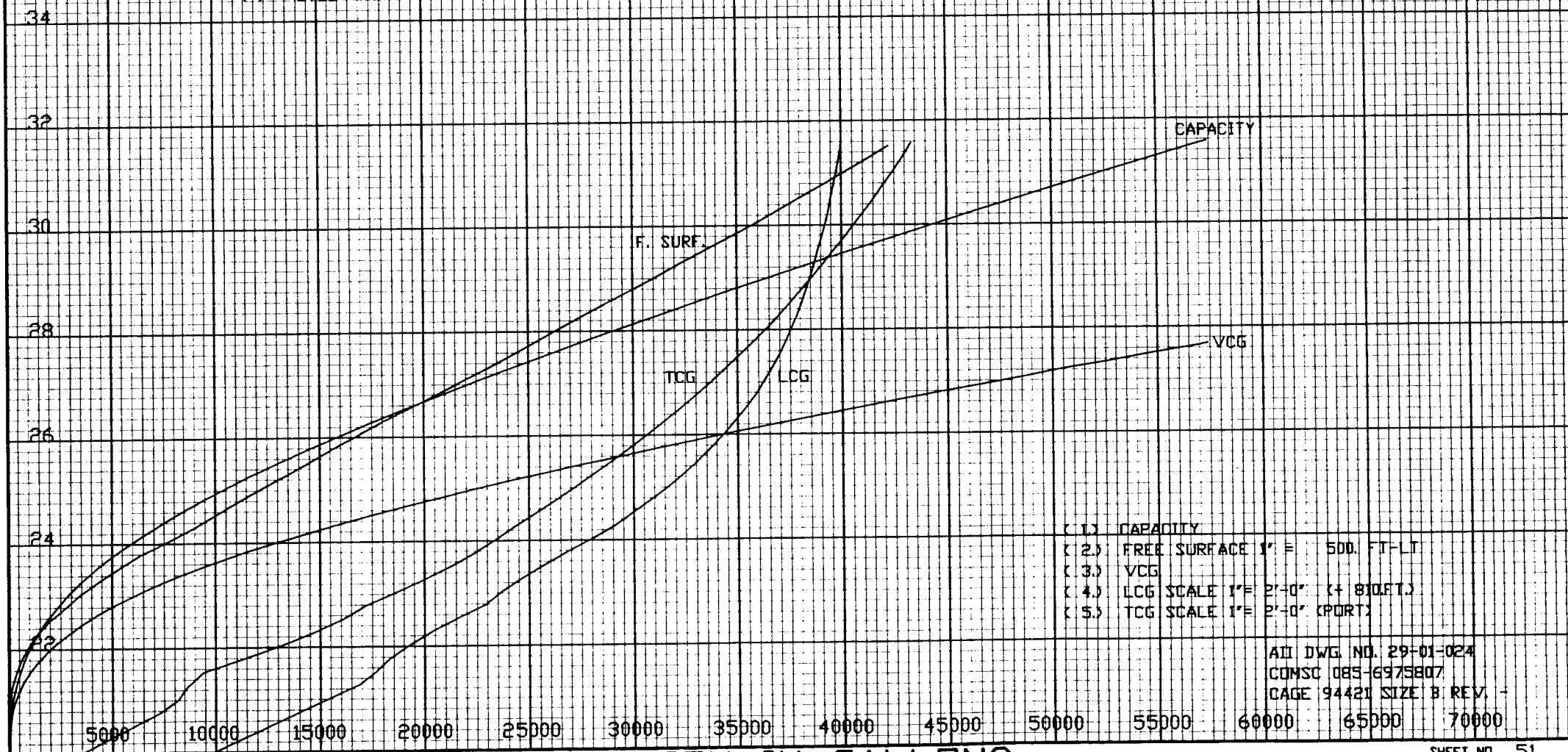
TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 20.02 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	57393.	27.68	826.00	17.33	MAXIMUM
98% FULL	56245.	27.61	825.97	17.25	4225.2

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

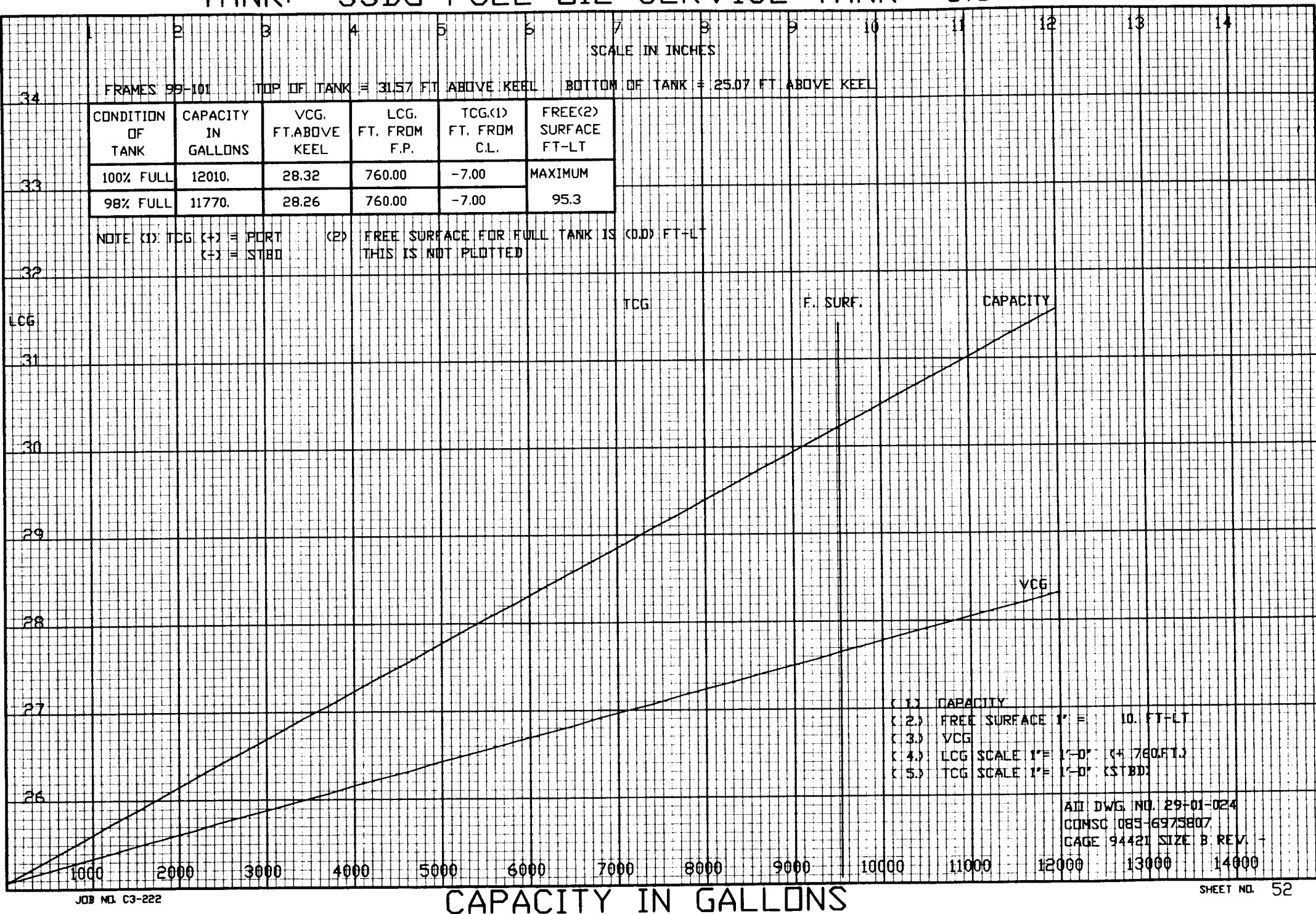


- (1) CAPACITY
- (2) FREE SURFACE 1" = 500. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 810 FT.)
- (5) TCG SCALE 1" = 2'-0" (PORT)

ALL DWG. NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: SSDG FUEL OIL SERVICE TANK 6.5-99-1

HEIGHT ABOVE KEEL - FEET



TANK: FUEL OIL SETTLING TANK 8-99-0

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 99-102

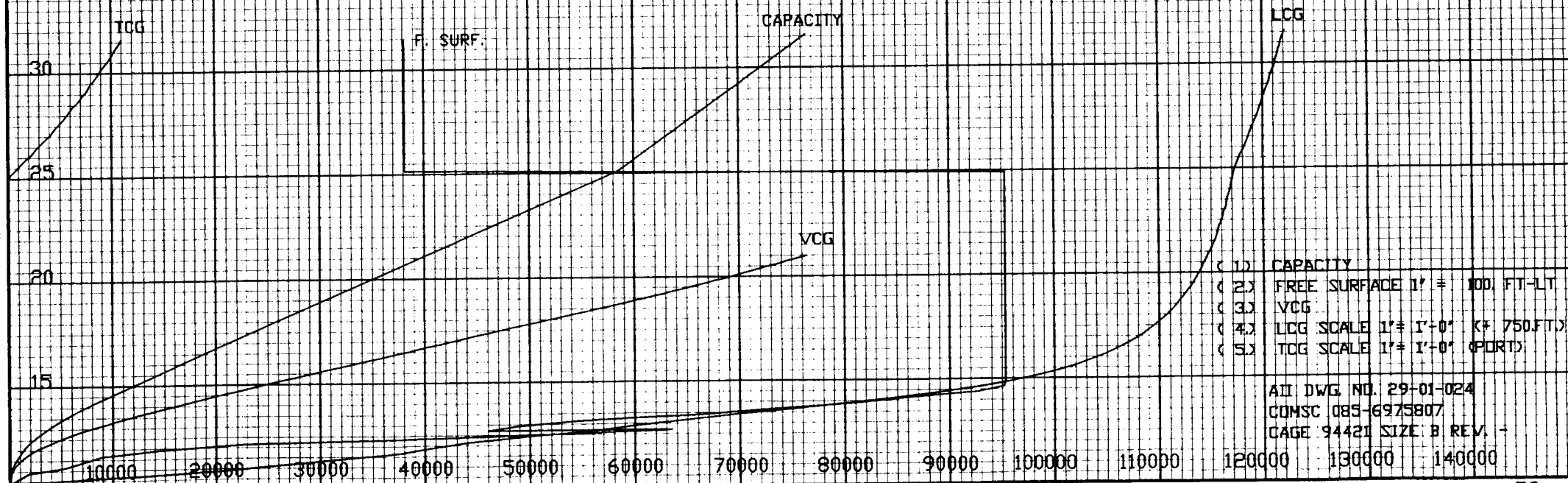
TOP OF TANK = 31.57 FT ABOVE KEEL

BOTTOM OF TANK = 10.39 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	76446.	20.97	762.21	1.10	MAXIMUM 953.2
98% FULL	74917.	20.76	762.17	1.03	

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1' = 100 FT-LT
- (3) VCG
- (4) LCG SCALE 1' = 1'-0" (750 FT)
- (5) TCG SCALE 1' = 1'-0" (PORT)

ALL DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: FUEL OIL SERVICE TANK P 6.5-85-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 85-90

TOP OF TANK = 33.07 FT ABOVE KEEL

BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	30837.	27.82	647.49	48.45	MAXIMUM
98% FULL	30221.	27.72	647.49	48.45	61.4

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

F. SURF.

LCG

TCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 640 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

2500 5000 7500 10000 12500 15000 17500 20000 22500 25000 27500 30000 32500 35000

CAPACITY IN GALLONS

TANK: FUEL OIL SERVICE TANK S 6.5-85-1

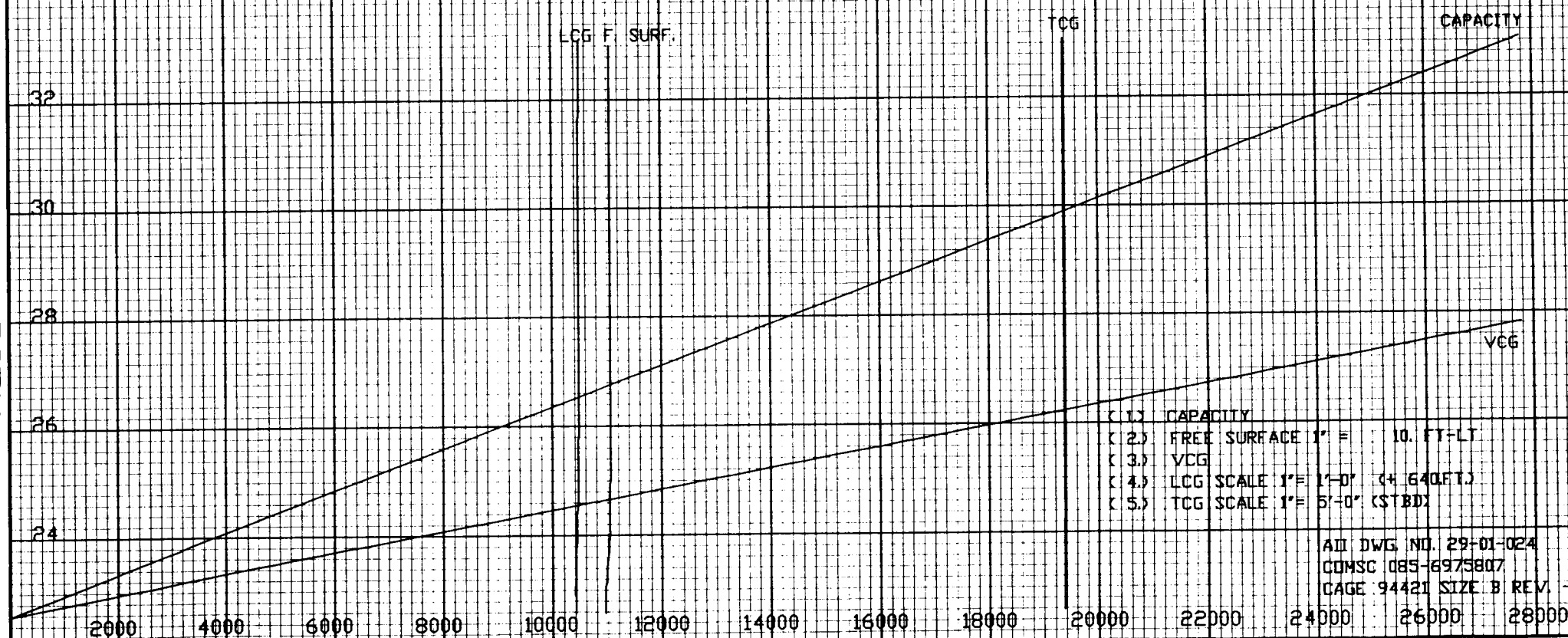
HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 85-90 TOP OF TANK = 33.07 FT ABOVE KEEL BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	27764.	27.82	645.25	-48.45	MAXIMUM
98% FULL	27209.	27.72	645.25	-48.45	55.3

NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

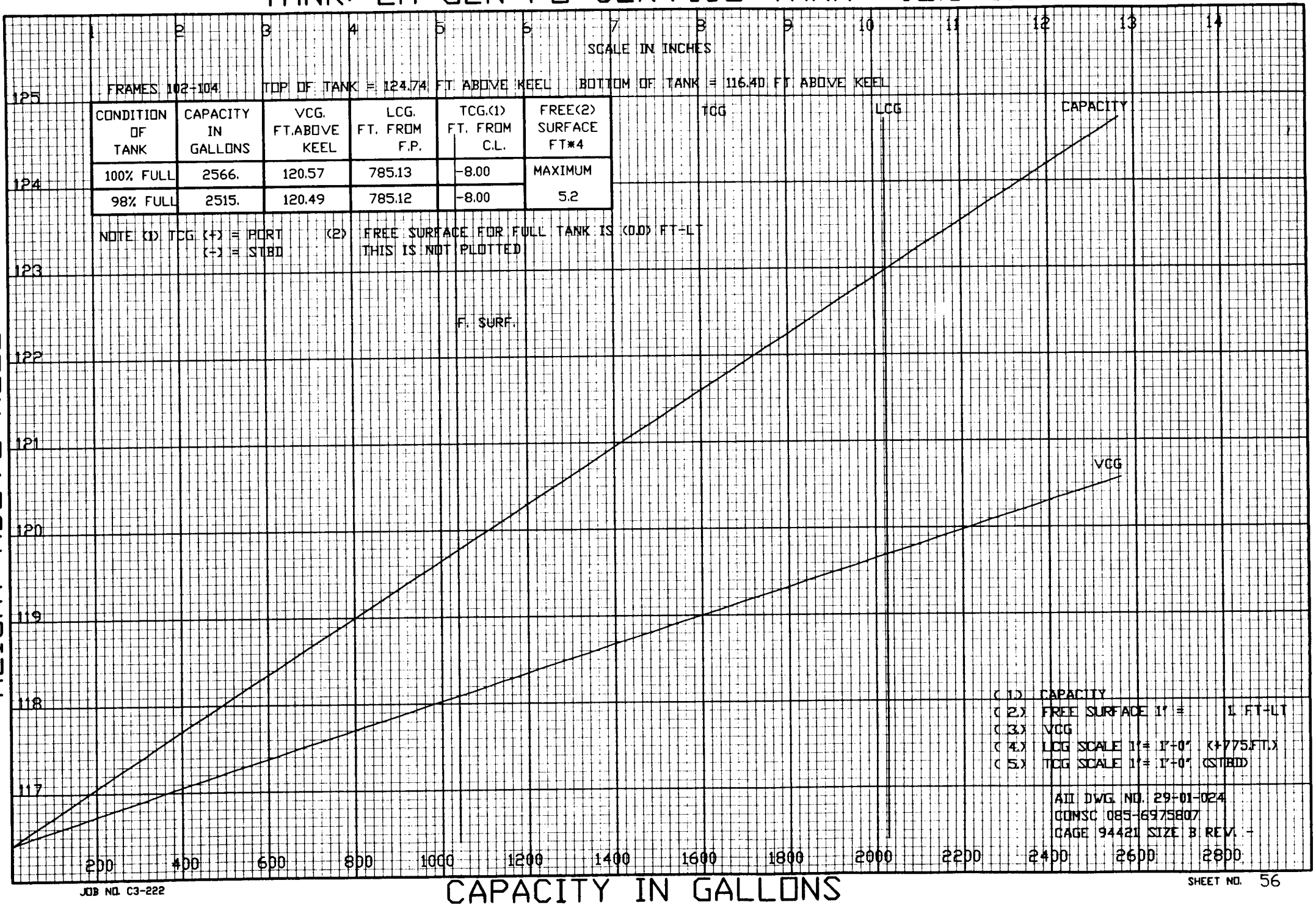


- (1.) CAPACITY
- (2.) FREE SURFACE 1" = 10. FT-LT
- (3.) VCG
- (4.) LCG SCALE 1" = 1'-0" (+1640 FT.)
- (5.) TCG SCALE 1" = 5'-0" (STBD)

AD DWG NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: EM GEN FO SERVICE TANK 02.5-103-1

HEIGHT ABOVE KEEL - FEET



TANK: ME/SSDG LO STORAGE TANK P 6.5-91-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 91-93

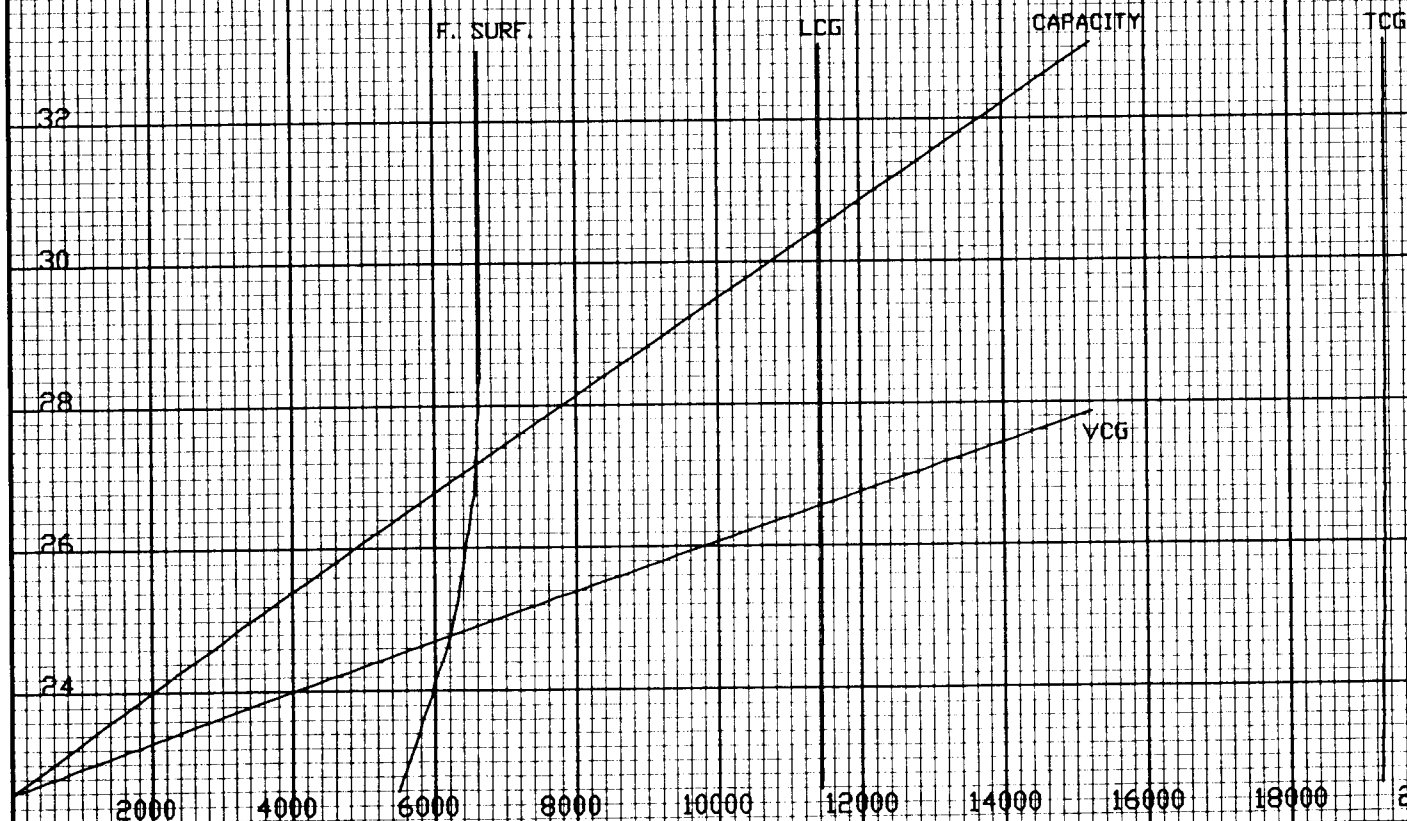
TOP OF TANK = 33.07 FT ABOVE KEEL

BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT*4
100% FULL	15237.	27.86	685.72	48.40	MAXIMUM
98% FULL	14933.	27.76	685.72	48.40	33.2

NOTE (1) TCG (+) = PORT
(-) = STARBOARD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+680 FT)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: ME/SSDG LO STORAGE TANK S 6.5-90-1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

40

FRAMES 90-94

TOP OF TANK = 33.07 FT ABOVE KEEL

BOTTOM OF TANK = 22.57 FT. ABOVE KEEL

38

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	27389.	27.87	685.64	-48.39	MAXIMUM
98% FULL	26852.	27.77	685.63	-48.39	59.9

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

36

34

32

30

28

26

24

LCG

IF. SURF.

TCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 680 FT.)
- (5) TCG SCALE 1" = 5'-0" (STBD)

ADW DWG NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

2000

4000

6000

8000

10000

12000

14000

16000

18000

20000

22000

24000

26000

28000

TANK: ME/SSDG LO SETTLING TANK P 6.5-93-2

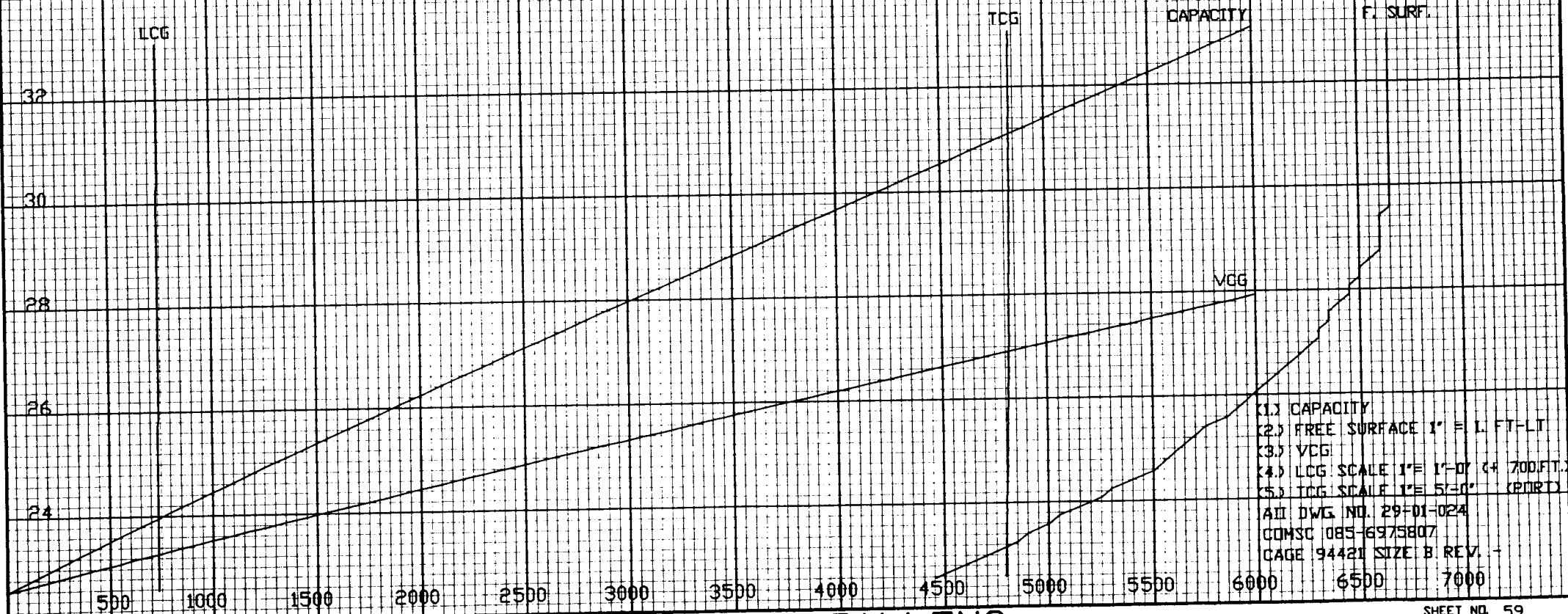
HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 93-94 TOP OF TANK = 33.07 FT ABOVE KEEL BOTTOM OF TANK = 22.57 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	5990.	27.92	701.49	48.33	MAXIMUM
98% FULL	5870.	27.81	701.49	48.33	13.3

NOTE (1) TCG (+) = PORT (-) = STARBOARD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED



(1) CAPACITY
(2) FREE SURFACE 1" = 1. FT-LT
(3) VCG
(4) LCG SCALE 1" = 1'-0" (+ 700 FT.)
(5) TCG SCALE 1" = 5'-0" (PORT)
AII DWG. NO. 29-01-024
COMSC 085-6975807
CAGE 94421 SIZE B REV. -

TANK: CPP LO STORAGE TANK 5-93-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 93-94 TOP OF TANK = 44.82 FT ABOVE KEEL BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2765.	38.95	701.50	51.12	MAXIMUM
98% FULL	2710.	38.83	701.50	51.12	0.9

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

F. SURF.

LCG

TCG

CAPACITY

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1' = L FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 700 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ADW DWG. NO. 29-01-024
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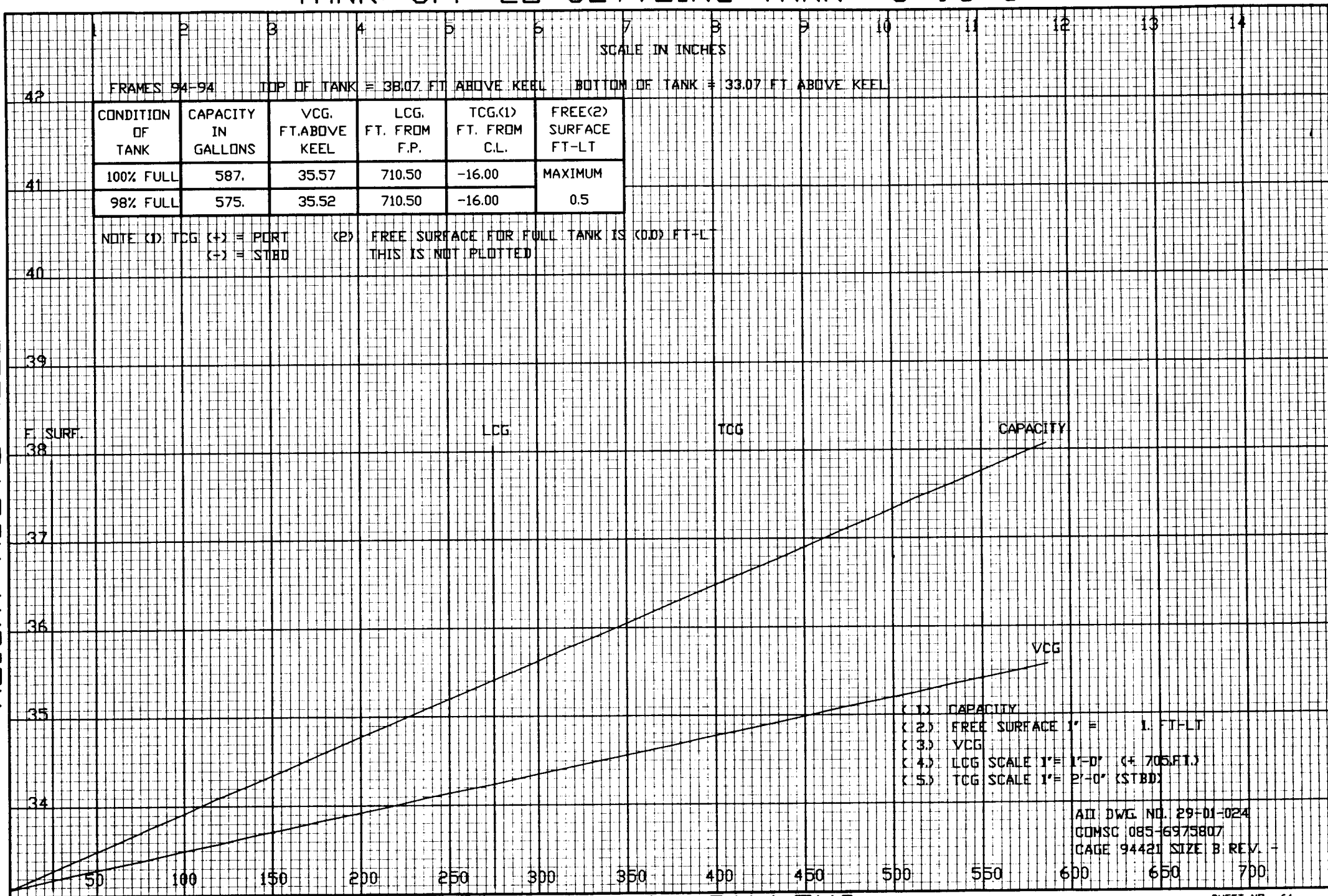
JOB NO. C3-222

CAPACITY IN GALLONS

SHEET NO. 60

TANK: CPP LO SETTLING TANK 5-95-3

HEIGHT ABOVE KEEL - FEET



TANK: RG LD STORAGE TANK 5-92-2

HEIGHT ABOVE KEEL - FEET

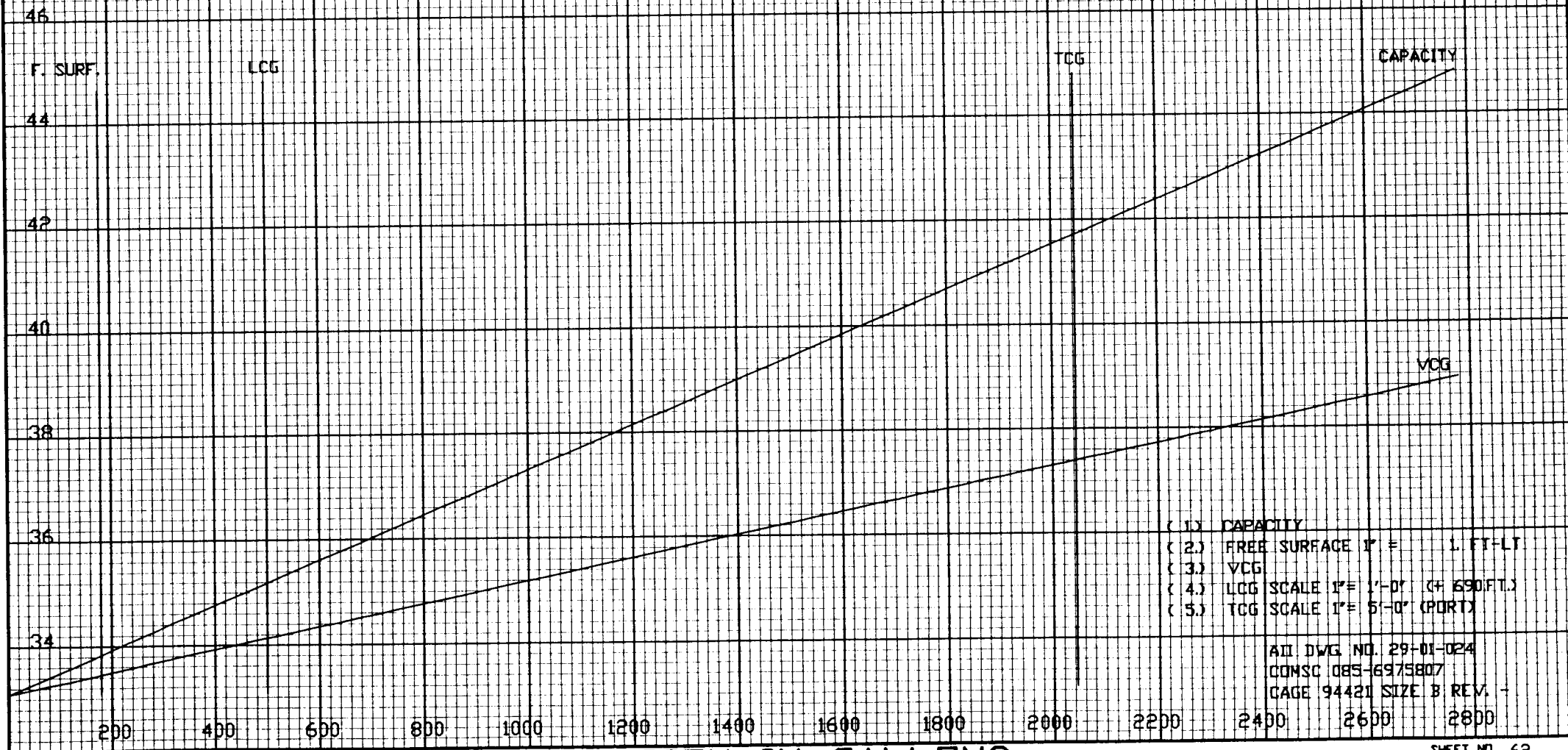
SCALE IN INCHES

FRAMES 92-93 TOP OF TANK = 44.82 FT ABOVE KEEL BOTTOM OF TANK = 33.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2776.	38.94	692.50	51.12	MAXIMUM
98% FULL	2721.	38.83	692.50	51.12	0.9

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE IF = 1 FT-LT
- (3) VCG
- (4) LCG SCALE 1"= 1'-0" (≠ 690 FT.)
- (5) TCG SCALE 1"= 5'-0" (PORT)

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CAGE 94421 SIZE B REV. -

TANK: RG LO SETTLING TANK 5-95-5

FRAMES 94-95

TOP OF TANK = 41.07 FT ABOVE KEEL

BOTTOM OF TANK = 33.07 FT ABOVE KEEL

SCALE IN INCHES

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	1408.	37.07	710.50	-21.00	MAXIMUM
98% FULL	1380.	36.99	710.50	-21.00	1.8

F. SURF.

NOTE (1) TCG (+) = PORT
(-) = STBD.
(2) FREE SURFACE FOR FULL TANK IS (00) FT-LT
THIS IS NOT PLOTTED

CAPACITY

TCG

VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 710FT.)
- (5) TCG SCALE 1" = 2'-0" (STBD)

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TANK: ME LO SUMP TANK P OR S 7.5-86-4/1

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 86-90

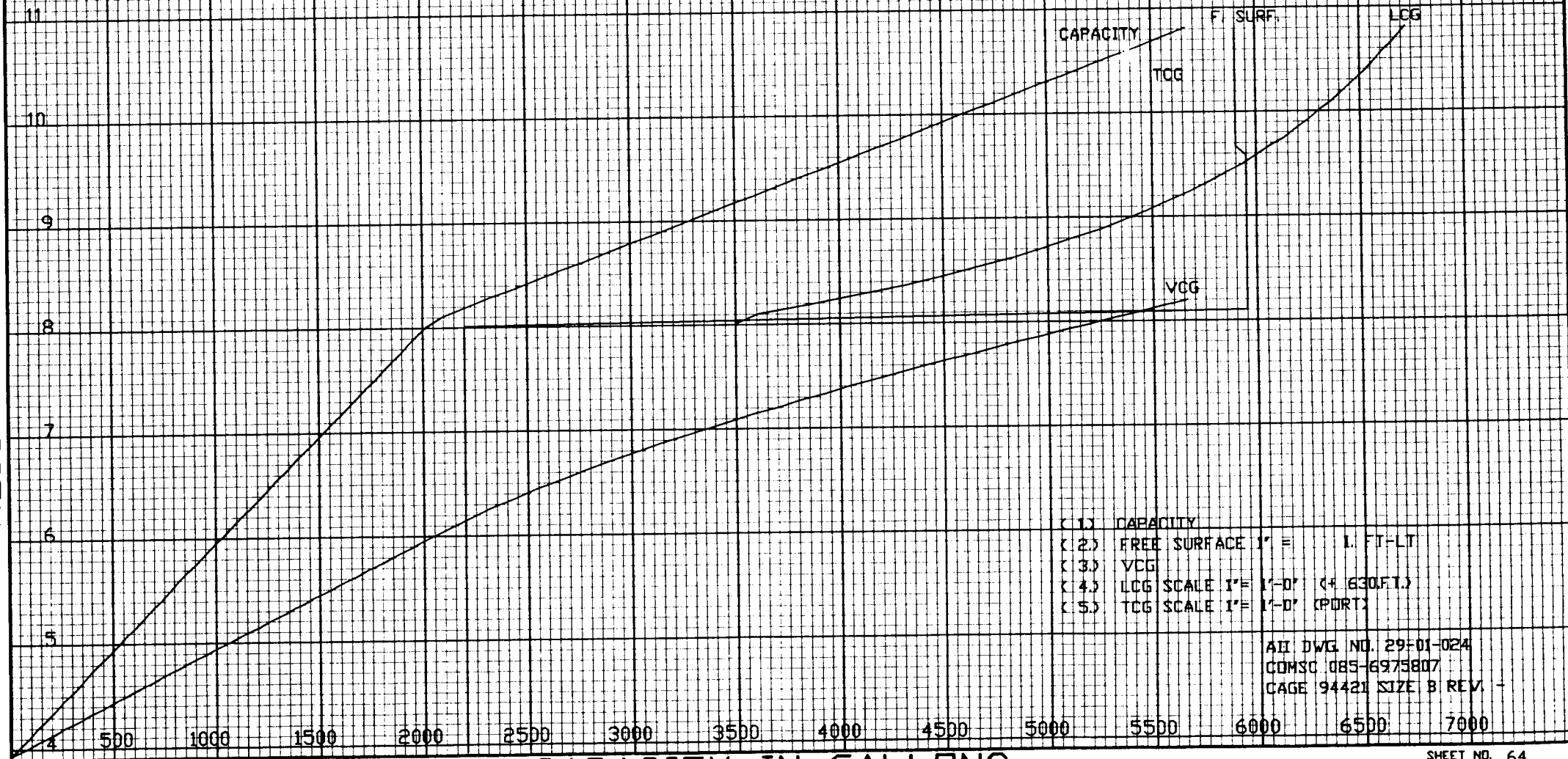
TOP OF TANK = 10.81 FT ABOVE KEEL

BOTTOM OF TANK = 3.93 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG, FT. ABOVE KEEL	LCG, FT. FROM F.P.	TCG(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	5664.	8.20	643.44	11.00	MAXIMUM
98% FULL	5551.	8.14	643.36	11.00	11.9

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 1.0 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4' 630 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG. NO. 29-01-024
COMSC 085-6973807
PAGE 94421 SIZE B REV. -

TANK: ME LO SUMP TANK P OR S 7.5-86-6/3

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 86-90

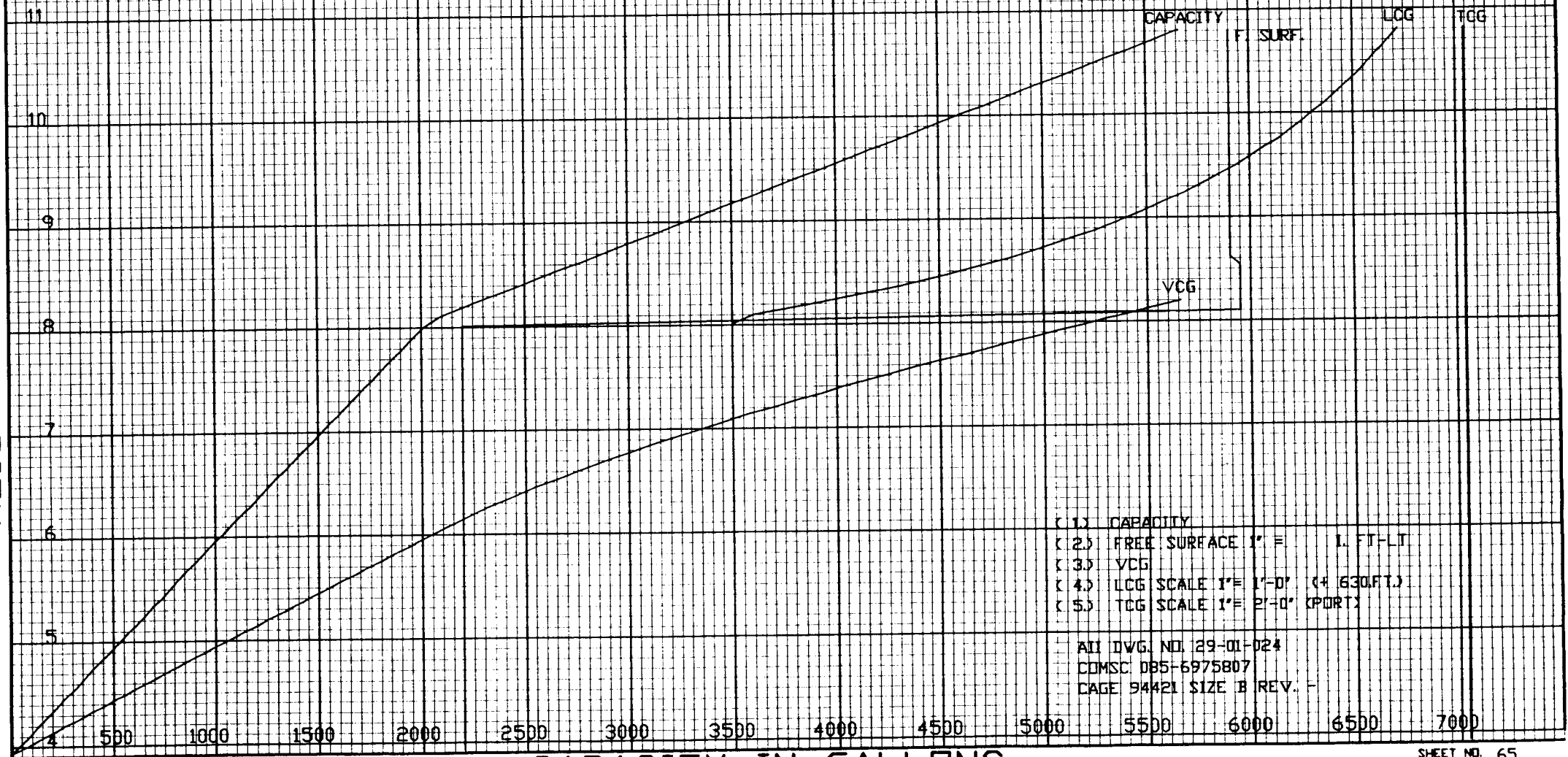
TOP OF TANK = 10.81 FT ABOVE KEEL

BOTTOM OF TANK = 3.93 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	5659.	8.20	643.44	28.17	MAXIMUM
98% FULL	5546.	8.14	643.36	28.17	11.9

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 630 FT.)
- (5) TCG SCALE 1" = 2'-0" (PORT)

ALL DWG. NO. 129-01-024
COMSC. DB5-6975807
PAGE 94421 SIZE B REV. -

TANK: CSA WASTE OIL TANK 8-87-2

HEIGHT ABOVE KEEL - FEET

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	9067.	4.31	647.36	19.54	MAXIMUM
98% FULL	8886.	4.23	647.31	19.54	18.0

F. SURF.

NOTE (1) TCG (+) = PORT (-) = STBD
(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

CAPACITY

VCG

LCG

TCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 10. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 2'-0" (+ 630.FT)
- (5) TCG SCALE 1" = 2'-0" (PORT)

ALL DWG. NO. 29-01-024
CONSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: CSA OILY WASTE HOLDING TANK 8-87-4

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

FRAMES 87-88

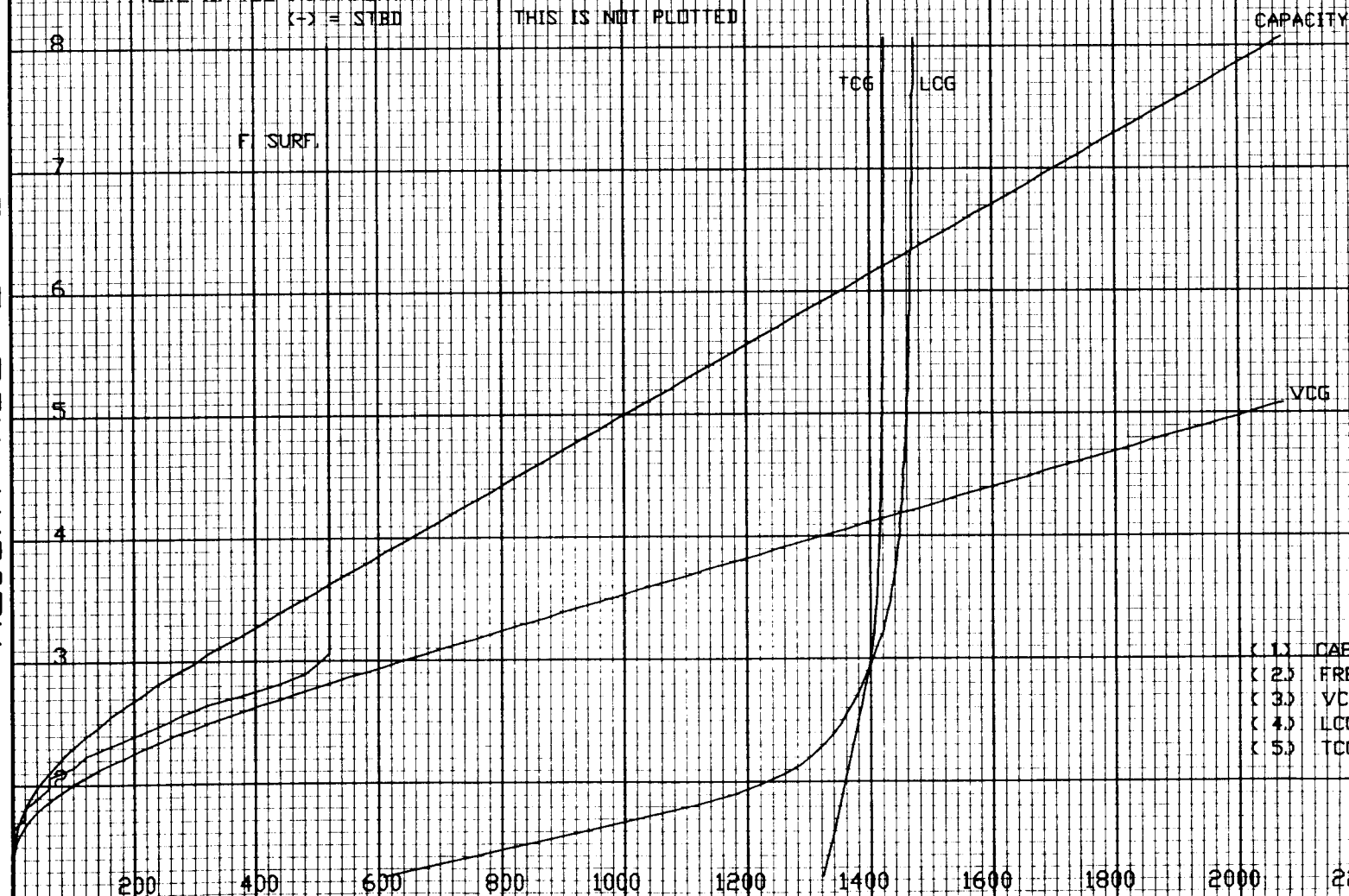
TOP OF TANK = 8.07 FT ABOVE KEEL

BOTTOM OF TANK = 123 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	2073.	5.08	647.36	35.61	MAXIMUM
98% FULL	2031.	5.03	647.36	35.61	2.6

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

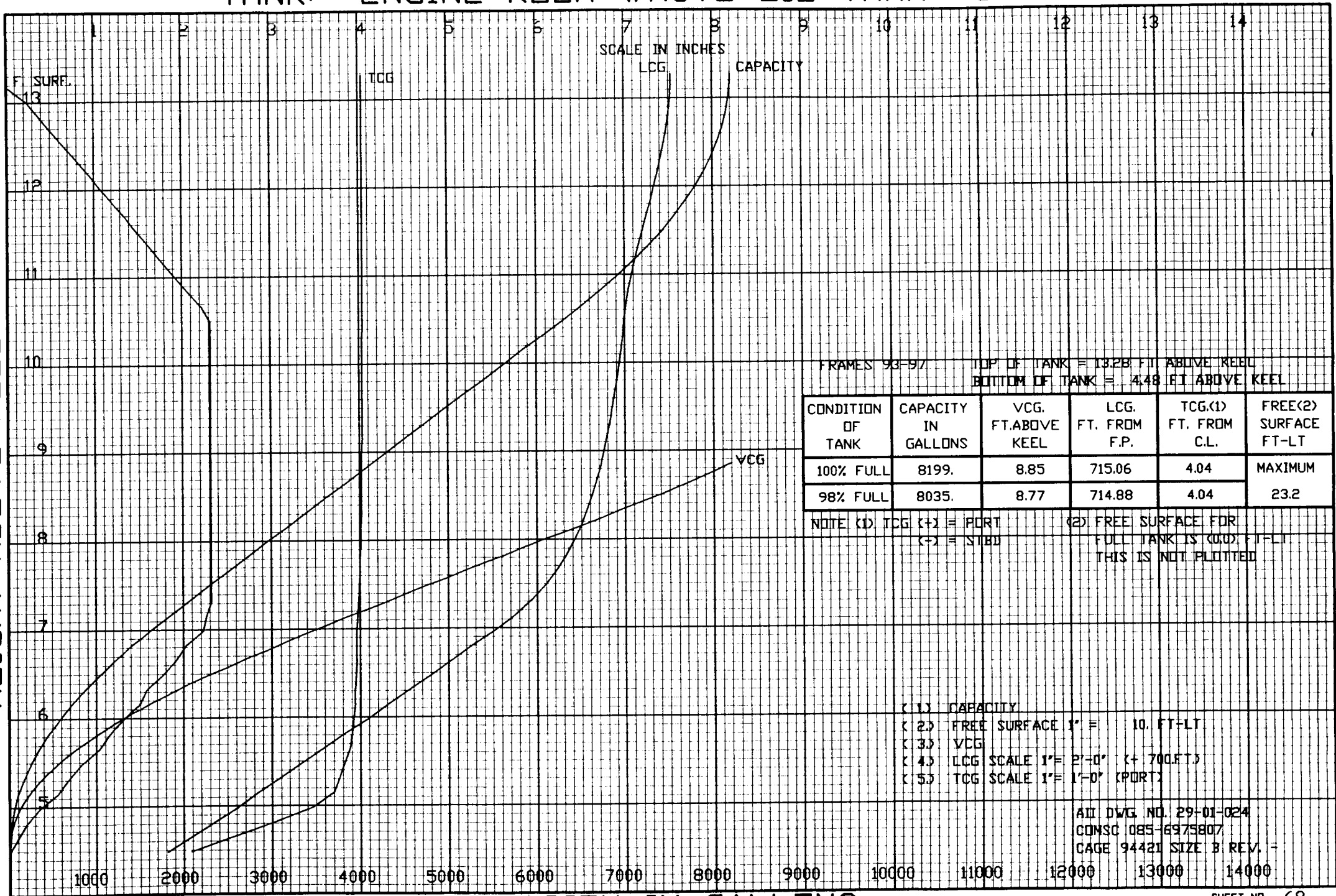


- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 640 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

ALL DWG. NO. 29-01-024
CONSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: ENGINE ROOM WASTE OIL TANK 8-94-2

HEIGHT ABOVE KEEL - FEET



TANK: ENGINE ROOM OILY WASTE HOLDING TANK

8-93-2

HEIGHT ABOVE KEEL - FEET

SCALE IN INCHES

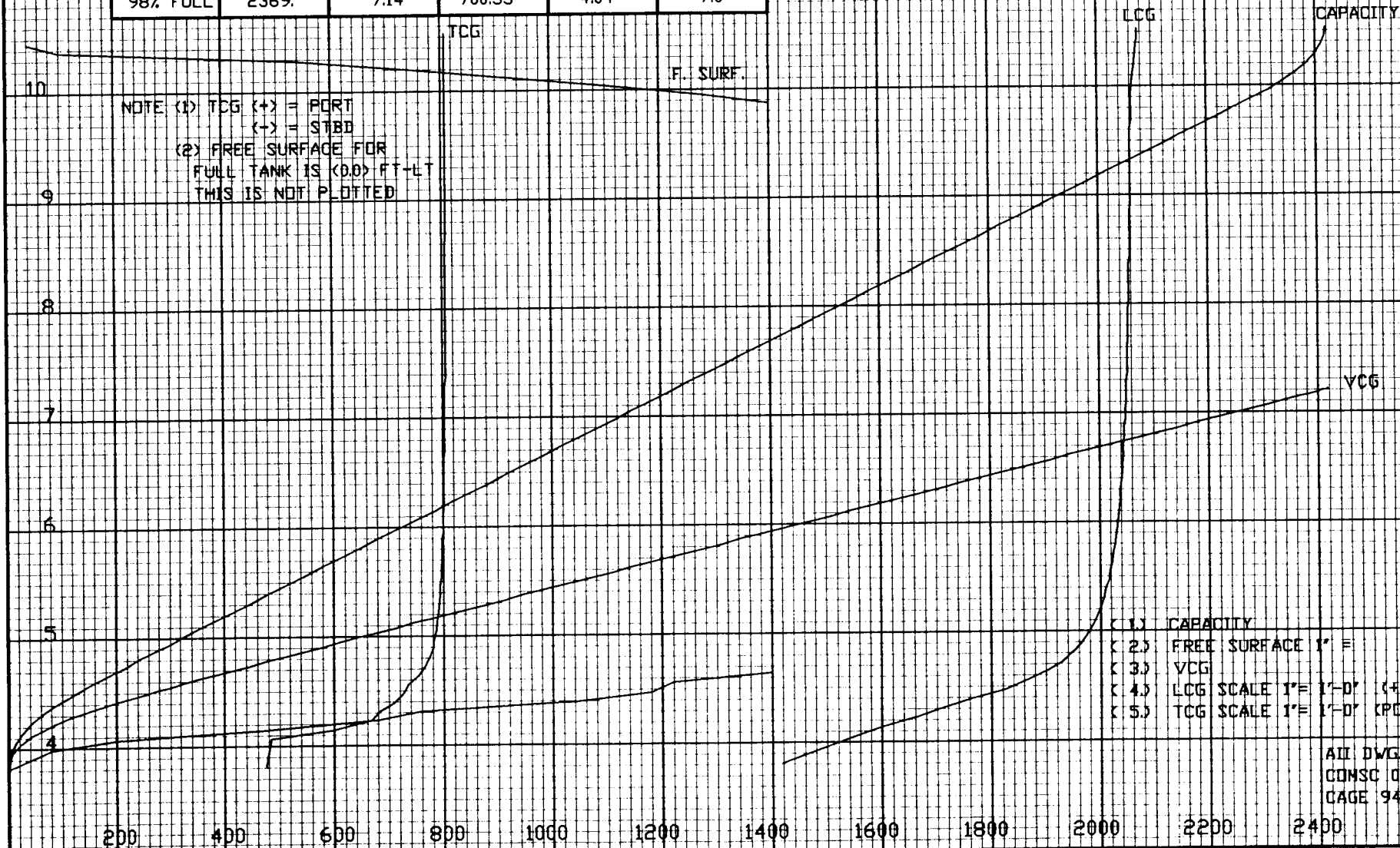
FRAMES 93-94

TOP OF TANK = 10.53 FT ABOVE KEEL

BOTTOM OF TANK = 3.81 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	2418.	7.21	700.37	4.04	MAXIMUM
98% FULL	2369.	7.14	700.33	4.04	7.0

NOTE (1) TCG (+) = PORT
(-) = STBD
(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED



- (1) CAPACITY
- (2) FREE SURFACE 1" = 1 FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 690 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)

ALL DWG NO. 29-01-024
CONSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: OILY WASTE DRAIN COLLECTING TANK 7.5-86-2

HEIGHT ABOVE KEEL - FEET

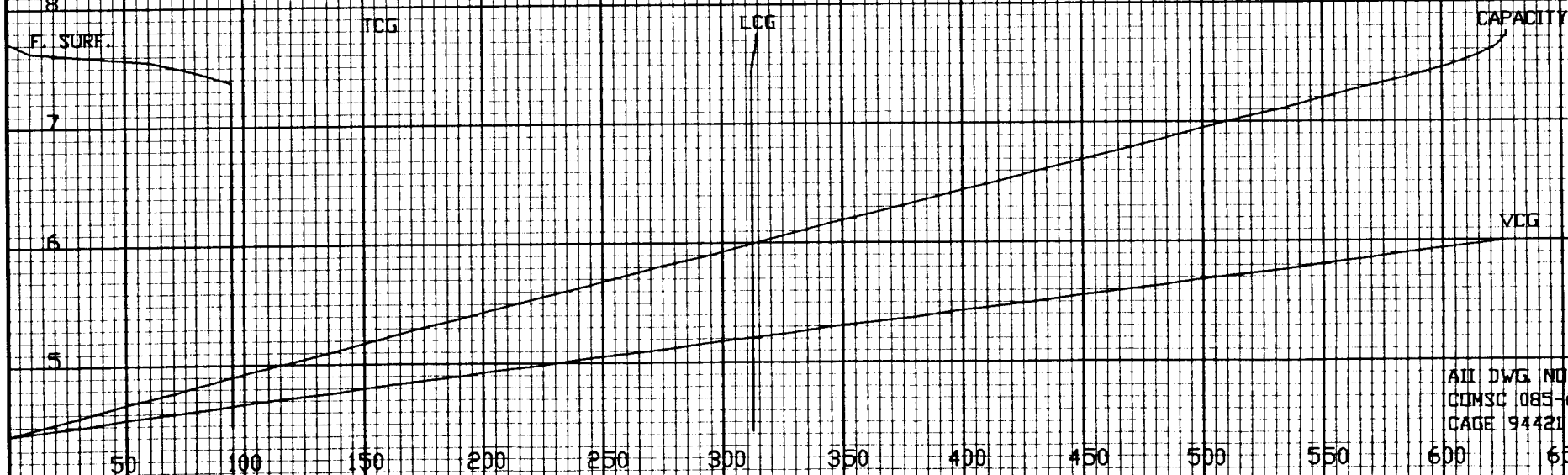
SCALE IN INCHES

FRAMES 86-87 TOP OF TANK = 7.75 FT ABOVE KEEL BOTTOM OF TANK = 4.42 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG (1) FT. FROM C.L.	FREE (2) SURFACE FT-LT
100% FULL	627.	6.00	636.29	3.00	MAXIMUM
98% FULL	615.	5.97	636.26	3.00	1.9

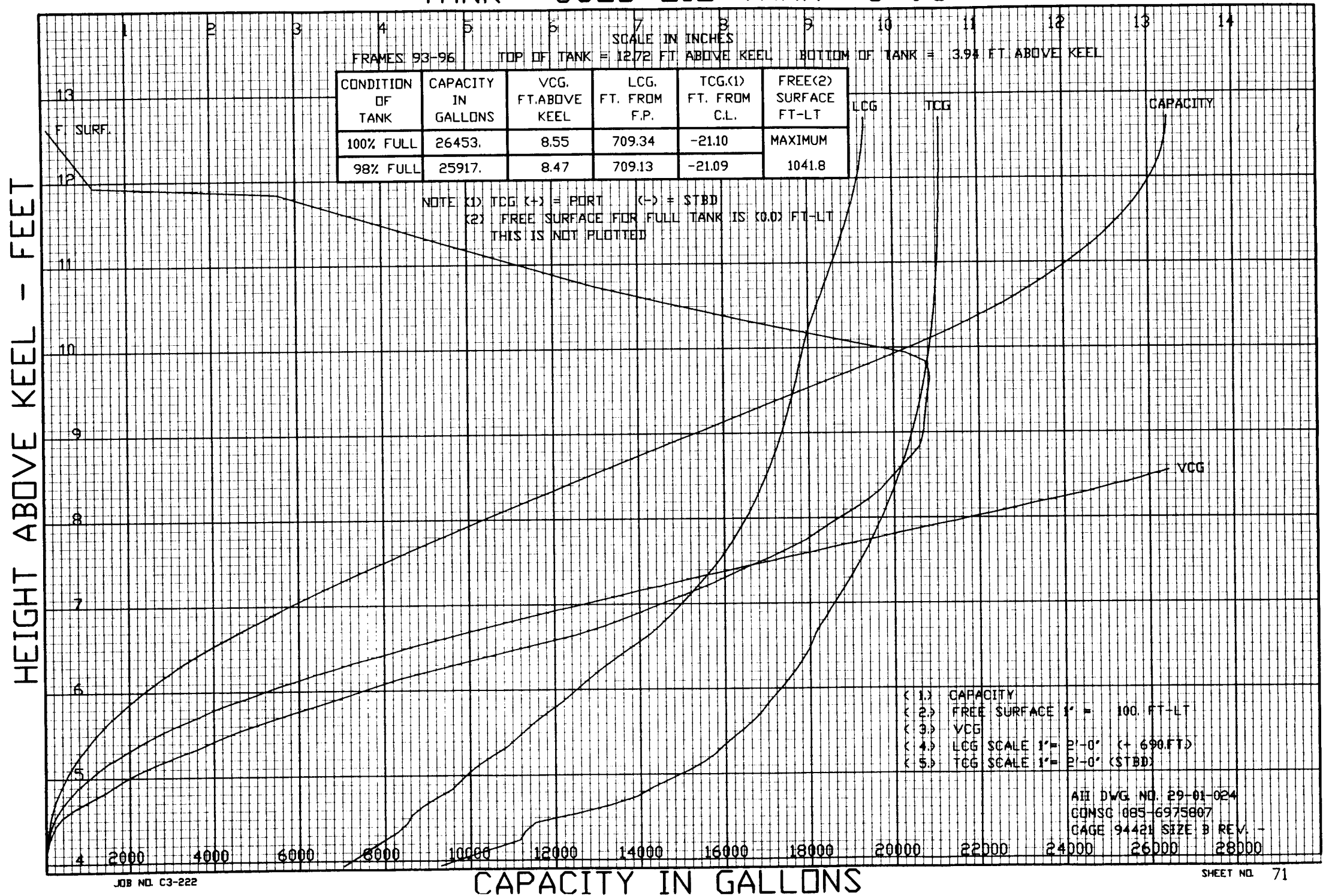
NOTE (1) TCG (+) = PORT (-) = STBD (2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT THIS IS NOT PLOTTED

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (+ 630 FT.)
- (5) TCG SCALE 1" = 1'-0" (PORT)



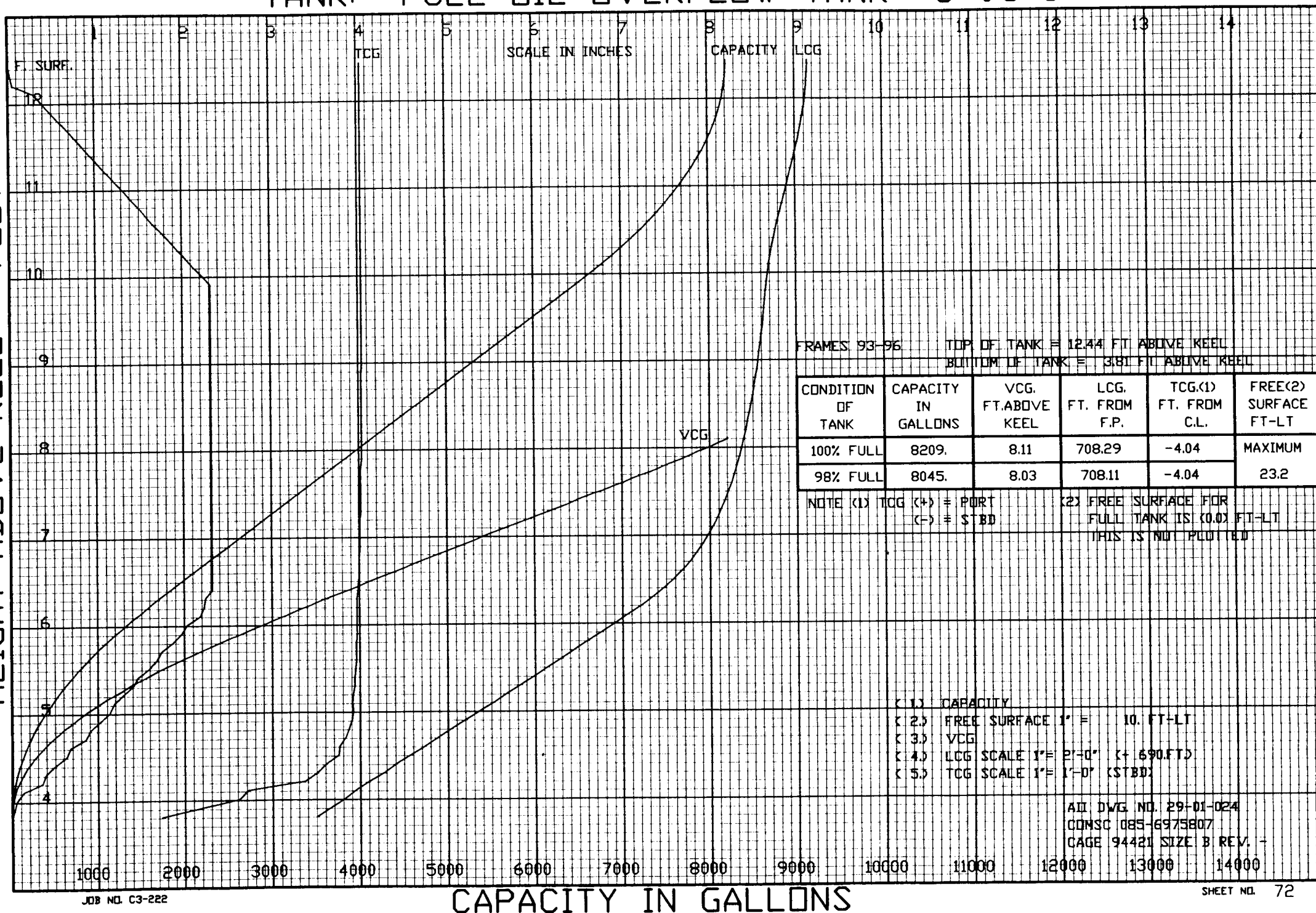
ALL DWG NO. 29-01-024
CONSC 085-6975807
PAGE 94421 SIZE B REV. -

TANK: USED OIL TANK 8-93-3



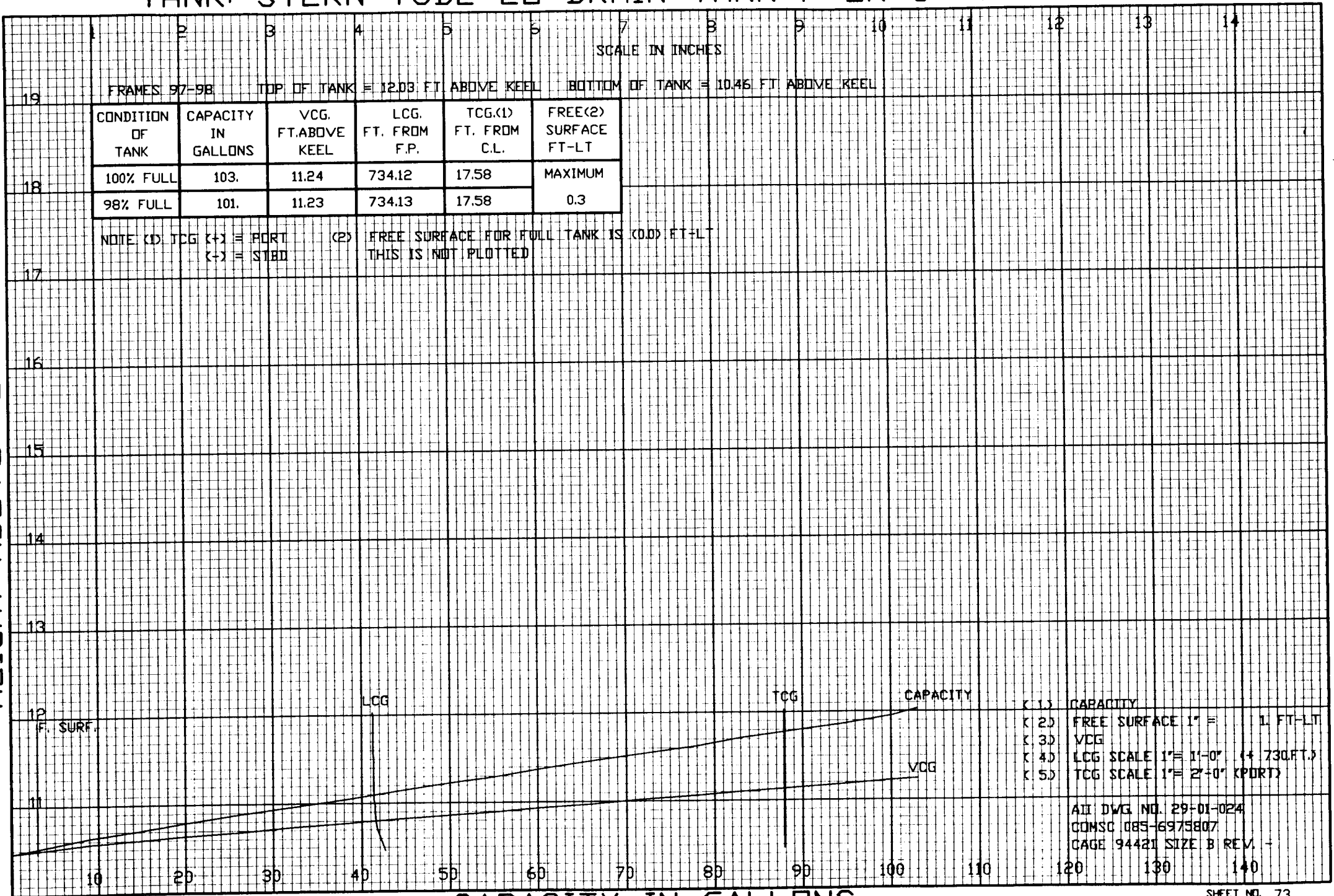
TANK: FUEL OIL OVERFLOW TANK 8-93-1

HEIGHT ABOVE KEEL - FEET



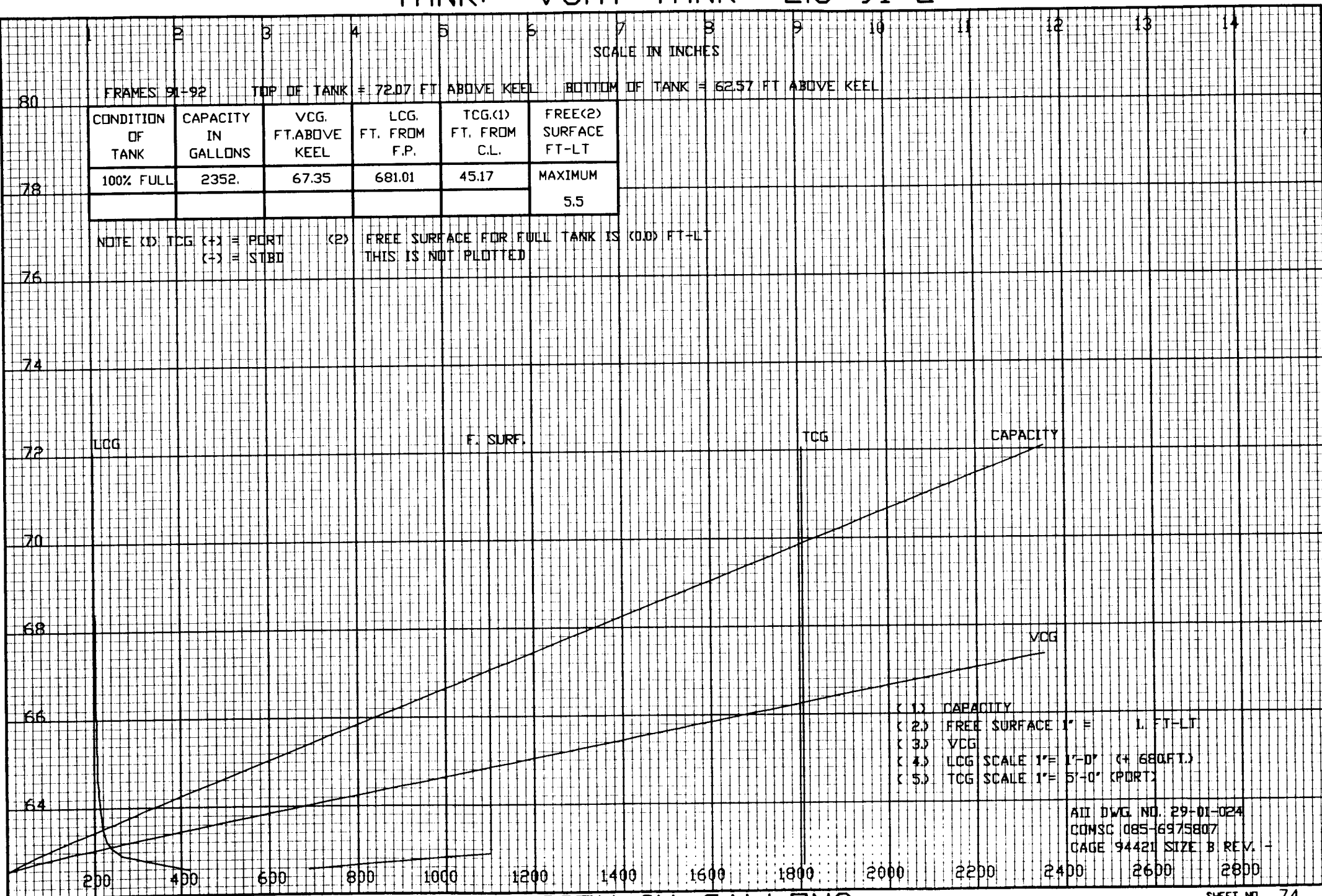
TANK: STERN TUBE LD DRAIN TANK P OR S 7.5-97-2/1

HEIGHT ABOVE KEEL - FEET



TANK: VCHT TANK 2.5-91-2

HEIGHT ABOVE KEEL - FEET



TANK: WASTE WATER TANK 2.5-94-2

FRAMES 93-95

TOP OF TANK = 77.74 FT ABOVE KEEL

SCALE IN INCHES
BOTTOM OF TANK = 63.28 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT. ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	11707.	70.48	708.05	44.24	MAXIMUM
					10.9

NOTE (1) TCG (+) = PORT
(-) = STBD

(2) FREE SURFACE FOR FULL TANK IS (0.0) FT-LT
THIS IS NOT PLOTTED

HEIGHT ABOVE KEEL - FEET

80
78
76
74
72
70
68
66
64

LCG TCG F. SURF CAPACITY
VCG

- (1) CAPACITY
- (2) FREE SURFACE 1" = 1. FT-LT
- (3) VCG
- (4) LCG SCALE 1" = 1'-0" (4,700 FT.)
- (5) TCG SCALE 1" = 5'-0" (PORT)

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1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000

CAPACITY IN GALLONS

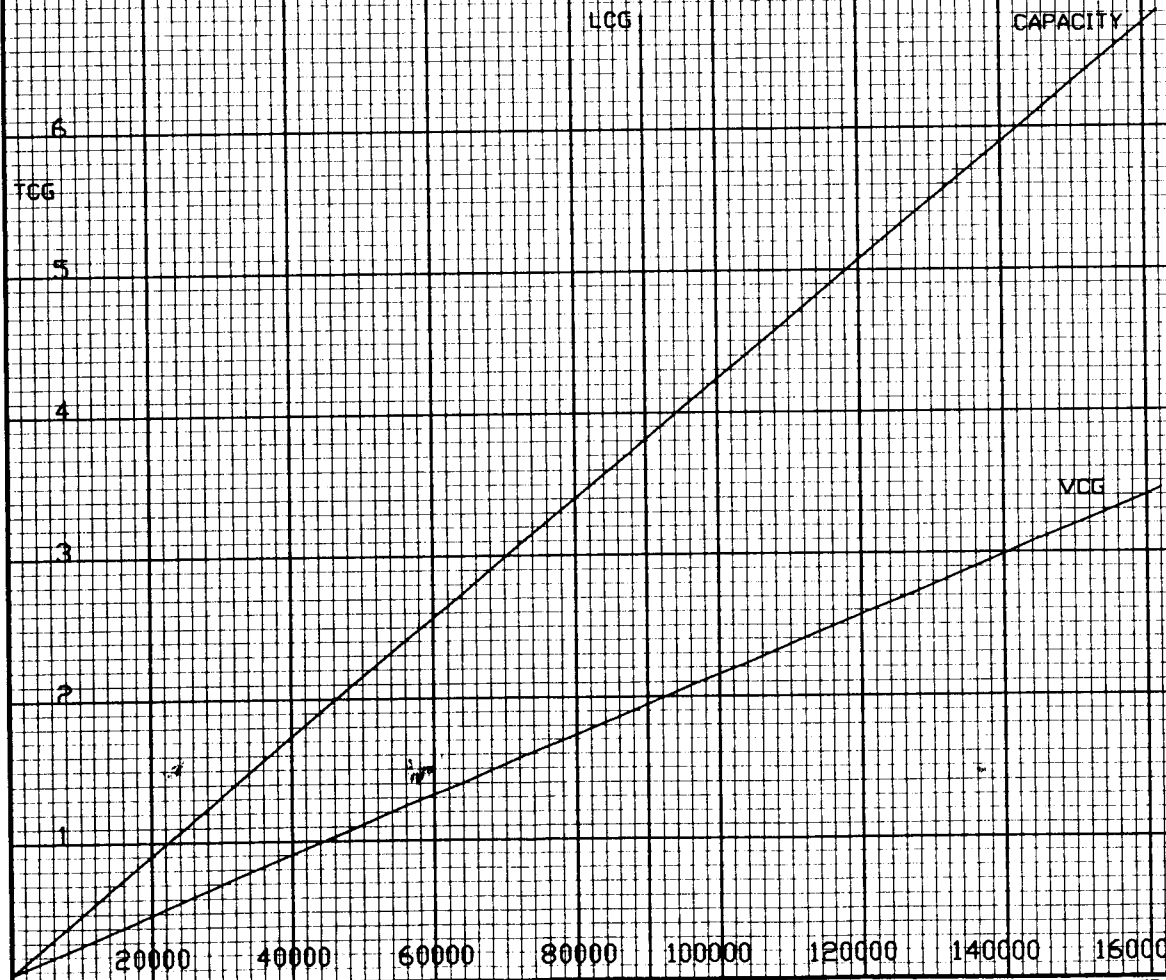
TANK: FIXED BALLAST TANK 8-57-0

FRAMES 57-64 TOP OF TANK = 6.82 FT ABOVE KEEL BOTTOM OF TANK = 0.07 FT ABOVE KEEL

CONDITION OF TANK	CAPACITY IN GALLONS	VCG. FT.ABOVE KEEL	LCG. FT. FROM F.P.	TCG.(1) FT. FROM C.L.	FREE(2) SURFACE FT-LT
100% FULL	162126.	3.45	404.50	0.00	N/A

NOTE (1) SYMMETRICAL TANK
TCG = 0 AT ALL LEVELS

HEIGHT ABOVE KEEL - FEET



- (1) CAPACITY
- (2) FREE SURFACE (NOT APPLICABLE)
- (3) VCG
- (4) LCG SCALE 1"= 1'-0" (4: 400FT.)

ALL DWG NO. 29-01-024
COMSC 085-6975807
PAGE 94421 SIZE B REV. 1-